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Lancaster Farming

Vol. III. No. 14. Quarryville (Lancaster County) Pa., Friday, Feb. 14, 1958 $2 Per Year

Connecticut Valley Co-op Manager Claims Tobacco Contracts Unfair

'Tight and unfair clauses in tobacco contracts this year discouraged a good many growers from selling to the trade," claims Samuel J. Orr, manager of the Conn-Mass Tobacco Co-op which operates in the Connecticut River Valley.

Orr was obecting to a new contract offered this year in the Valley which provides a rebate to the buyer if low grades in the crop droped below an agreed-on-percentage. He also said that the contracts were unfair because they tend to make the farmer think that he is getting more for his crop than he actually is.

According to Harold K Street, farm editor of the Hartford (Conn) Courant, prices in the Valley this year were artificially buoyed up by the supports.

Buying of havana seed on the open market opened Nov. 1 and continued through November at prices the buyers claimed were comparable to the year before—about 50 to 53 cents a pound for the better grades It is estimated that 80 per cent of this variety was sold to the trade The 20 per cent left for the government was evidently the top of the crop. Buyers concentrated on the lower grades.

For the other binder grown in the valley, type 51 broadleaf, the market opened Nov. 6 and lasted about two weeks. Forty per cent of the crop was bought These buyers again claimed that they were paying about the same as in 1956, that is60 cents a pound for the best crop.

The only large manufacturer involved in buying Havana seed was the General Cigar Co. with small local operators taking most of the leaf. Buyers evidently opened the market by picking off the top grades and went to the lower grades later. Buyng after the first wave was in the 35 to 42 cent price range.

The active buyers of broadleaf were the Myer-Mendelsohn Division of Bayuk and Consolidated It is reported that Consolidated took the lion's share

The co-operative, which is the government receiving station, started taking in price supported tobacco about the middle of December and is still receiving broadleaf The average price for Havana seed sold to the government was 47 cents with a range of 30 to 57. The average for broadleaf was 45 with a range of from 26 to 59 cents

The prices bear out the fact that the co-op got the betteer Havana seed grades, as Havana seed is normally priced less than broadleaf and is supported on that basis It yields better, which is why it is grown in greater quantities.

The support price was subject to government grading The co-op refused to accept sorted tobacco this year Some sales to the trade were in the bundle, and some on a farm-sorted basis Farm sorting is dying in the Valley.

Manufacturers have said that if Valley tobacco were bought at the price they wanted to pay, the price would be somewhere between the present Wisconsin price and the prevailing price. There is a 20 to 25 cent differential between the two now.

Quotas have been cut by 32½ per cent in the Valley in the last three years. The government is now seeking a way to lower the support price and put the quotas on a "somewhat more reasonable" basis, Street says

And in a somewhat familiar line, the manufacturers say, "In years to come, we'd like to buy more of your tobacco than is now grown." But at their price!

Type 51, broadleaf binder, is grown mostly in Connecticut and type 52, Havana seed, is grown mostly in Massachusetts. Both are under quotas and price supports.

Drouth Shows Unusual Effect on 1957 Celery Crop

EXAMINING A SPECIMIN of H-46 celery, developed by Amos H. Funk, R1 Millersville, left, is Jacob Siegrist, R2 Lancaster. The variety grown by Siegrist did not look too good in the field, he said, but had very good keeping qualities in the trench. (LF Photo)

Drouth effects show themselves in peculiar ways This was proved again at a meeting of celery growers held Monday afternoon at the Amos Funk farm, R1 Millersville.

The object in point was black heart in celery While fairly common in other years, the past season saw the disease in excess of normal occurance. The reason, said Penn State experts, was an inbalance of nutrients caused by fluctuating water supplies

In the greenhouse, they said, the disease can be caused by limiting the calcium available to the plant. But this year the disease was brought on when the plant could not take up enough calcium because of the lack of soil moisture.

The black heart condition is similar to blossom end rot in tomatoes and the treatment prescribed is the same — spraying with a calcium nitrate or calcium chloride solution

Tarnish plant bugs are also blamed for causing a similar condition. It is thought that the bug may cause black heart, but not in the same manner as the calcium deficiency

Another plant nutrient deficiency also came in for considerable discussion. This time it was the trace element, Boron.

While there is plenty of boron

(Continued on page 13)

Poultrymen Name Greider, Exchange Board Elected

Hatcheryman Jay R. Greider, R1 Mt. Joy, was named to head the recently merged Poultry Association at a meeting of the board of directors held Thursday night at the Poultry Center.

Other officers elected by the directors were: vice president, Noah Kreider, R3 Manheim; secretary, Daniel K Good, R1 Columbia; and treasurer, Eugene S. Cassel, Lania Drive, Landisville.

A five man committee was elected to operate the broiler auction. They were Kreider; Cassel; Mark Myer, Lampeter; Glenn Herr, auction manager; and Levi Brubaker, Rohrerstown.

The board is charged with "expanding, administering and improving the Poultry Exchange operations."

Brubaker, long a member of the board of directors of the Exchange, and president last year, was appointed advisor to the association. He had retired from active participation in the activities of the Exchange and the poultry association.

Also appointed at the meeting was a committee to study the by-laws of the two groups and make suggestions for bringing them up to date.

The excecutive committee of the board will take such legal steps as are necessary to complete the merger of the organizations. Both groups had approved the merger by a large majority of the members voting approval.

The board will meet regularly at the Center on the first Thursday of each month.

State Agricultural Organizations Agree to Back Plowing Contest

Nearly a score of statewide agricultural and allied organizations today agreed to back the biggest national farming event ever scheduled in Pennsylvania, the 16th annual National Plowing Contest and Conservation Exposition to be held next Aug. 21 and 22 at Hershey.

Chairmen of many sub-committees to stage the event expected to attract more than 100,000 people during Hershey Pennsylvania Dutch Days were announced by L. H. Bull, State Deputy Secretary of Agriculture and general chairman of the exposition committee.

M. K. Huber, retired cashier of the Hershey National Bank, was named treasurer. The exposition secretary is David Unger, director of soil conservation, State Department of Agriculture.

Ralph E. Patterson. Pennsylvania State University, chairman of the plowing contest division of the exposition said eleven committees have been organized, ranging from awards and judges to a banquet for contestants.

Ralph W. Hunter, U.S. Soil Conservation Service, is chairman of the conservation exposition phase. He reported sub-committees at work on the development of various conservation demonstrations to be operated on assigned areas of the 10,000-acre Hershey Farms, also grassland, wildlife, forest, woodland, highway and fish conservation activities. Separate committees are to be established for tours of the Hershey Farms and conservation practices in nearby counties.

James Bobb, vice president of Hershey Estates and chairman of the local arrangements for the exposition, reported that at least 14 sub-committees are being organized in that division.

John B. McCool, director of the Pennsylvania Farm Show, is to have charge of the many farm machinery exhibits that will be set up for the event, including the Pennsylvania State Plowing Contest on the Hershey Farms Aug. 19.

Cooperating agencies represented on the over-all committee include the National Association of Soil Conservation Districts, the State Association of Soil Conservation District Directors, the agricultural extension service of the Pennsylvania State University, State Soil Conservation Commission, U.S. Soil Conservation Service, Agricultural Stabilization and Conservation Committee, Farmers Home Administration, Pa. Federation of Sportsmen, Pa. Farm Euipment Manufacturers Assn, Pa. Farm Equipment Dealers Assn., the Hershey Estates, the State Depts. of Agriculture, Commerce, Forests and Waters, Highways, and the State Game and Fish Commissions.

Other agencies will be added later, Chairman Bull said.

Franklin, Berks and Perry Counties Certified as Brucellosis-Free

Franklin, Berks and Perry Counties Thursday were certified as brucellosis-free, the State Department of Agriculture announced.

Certification of these counties as meeting the minimum Federal-State requirements was received from the U. S. Department of Agriculture. This brings to 62 the number of counties already certified in Pennsylvania under the statewide cooperative program.

Brucellosis is a highly communicable livestock disease which can cause heavy losses to livestock farmers in animals and in milk production.

According to the State Bureau of Animal Industry, Berks, Perry and Franklin Counties join 27 other counties so classified since January 1955. A brucellosis eradication program has been in effect in Pennsylvania since 1934.

The certification of Berks was attained when the 32,052 head of dairy and beef cattle tested showed an infection of .51 per cent. Cattle infection cannot exceed 1 per cent. Herd infection was 4.14 per cent of the 1,979 herds tested, but below the maximum 5 per cent allowed.

In Franklin County 33,201 head of cattle were tested and .50 per cent reacted to the laboratory analysis Herds tested totaled 1,935 with 3.9 per cent infection.

Perry County cattle tested had the lowest rate of infection in both categories with .038 per cent of the 12,950 cattle tested and .45 per cent of the 881 herds showing infection.

Tests were first made in Perry County in 1947 and in Berks and Franklin Counties in 1954.

The State Department of Agriculture anticipates receiving state certification by March 1958.

Broilers Remain About Steady With Preceding Week at Exchange

LANCASTER — Broilers remained about steady with the preceding week at the Feb 6 sale at the Lancaster Poultry Exchange.

With 52,150 broilers being sold the average was 20.92 cents. The range was from 19 to 23¼ cents The low priced birds were heavily discounted because of illness in the flock.

Capettes hit a high of 28½ cents and the low was 26½ cents Six lots, 7,425 capettes, were sold. Other sales included 2,800 Leghorn fowl at prices of 16¾ and 17¼ cents.

Durng last month the Exchange sold 696,150 birds at a average price of 21.2 cents a pound This is 1 6 cents higher than the average last year. However the volume of birds sold was down by about 50,000 from 1957.

Here are the results of the Feb 6 sale by lot number, owner with grower in parenthesis, number and breed, age in weeks and days, buyer and price.

1. Allen E Moyer, 1,100 White Vantress, 10-2, Starr Poultry, 23¼ cents 2 David G Miller, 350 White Vantress, 9 2, Carl B. Risser, 22½ cents 3. Melvin K. Barge, 1,200 White Rock pullet capettes, 12-6, Carl B. Risser, 28½ cents. 4. William K. Burkholder, 3,200 White Vantress, 9, no sale, 20¾ cents bid. 5. William K. Burkholder, 3,200 White Vantress. 9, Walter C. Mellinger, 21 cents.

6. **Charles Boose**, 1,800 White Vantress cockerels, 9-2, Harry H. Weaver Jr., 21 cents. 7. Levi J. Fisher, 300 White Vantress capettes, 13 2, no sale, 25 cents bid. 8. N. Parke Miller, 1,225 White Vantress cockerel capettes, 14-1, C F. Manbeck Inc , 28 cents. 9. C. Richard Miller, 1.000 yearling Leghorn fowl, Carl B. Risser, 17¼ cents 10. James R Landis, 300 yearling Leghorn fowl, Carl B. Risser, 16¾ cents

11. Eugene Schlosnagle, 8,400 White Vantress. 9-2, Victor F. Weaver Inc , 20¾ cents. 12. Eugene Schlosnagle, 8,400 White Vantress, 9-2, Victor F. Weaver Inc., 21 cents 13 Pa. Farm Bureau (Floyd Raffensberger), 5,000 Indian River White, 9-2, no sale, 20 cents bid. 14. Miller & Bushong, (Arthur Spickler), 3,-700 Indian River White, 9-6, Victor F. Weaver Inc , 20¾ cents 15 M&B (Arthur Spickler), 3,000 Indian River White, 9-6, Daniel K. Good, 21 cents.

16 M&B (Moses Zimmerman), 1,100 White Vantress cockerel capettes, 13-3, Starr Poultry, 27¼ cents 17. M&B (Moses Zimmerman), 1,100 White Vantress, pullet capettes, 13-3, Walter C. Mellinger, 26½ cents. 18 M&B (Joseph F. Bushey), 8,700 White Vantress, 9-3, no sale, 18¼ cents. 19. M&B (Joseph F. Bushey). 8,700 White Vantress, 9-2, no sale, 20¼ cents bid. 20. M&B (John L. Herr), 4,600 White Vantress, 9 2, Walter C Mellinger, 21½ cents.

21. M&B (John L. Herr), 4,600 White Vantress, 9-2, Roy E Ream, 21½ cents. 22. William R. Myer, 700 yearling Leghorn fowl, Carl B Risser, 17¼ cents 23 Glenn H Herr, 1,300 White Vantress pullet capettes, 18, Marvin Sweigart, 27½ cents 24 Elmer Metzler, 2,400 White Rock, 10, College Hill Poultry, 20 cents 25 Martin L Gish, 800 White Vantress, 11, Daniel K Good, 19½ cents.

26. **Enos Buckwalter**, 3,800 White Vantress & White Rock, 12 Victor F Weaver Inc., 19 cents 27 Enos Buckwalter, 3,500 White Vantress and White Rock, 12, Daniel K Good, 19½ cents 28. Wenger's (Dan Lehman), 1,000 White Vantress, 10, no sale, 22½ cents bid 29. Wenger's (Dan Lehman), 1,000 White Vantress, 10, no sale, 22¾ cents bid. 30. Wenger's (Dan Lehman), 1,500 White Vantress, 10, no sale, 22½ cents bid

31. Wenger's (Dan Lehman), 2,500 White Vantress, 10, Ray W. Gibble, 23 cents. 32. M. M Wenger. 800 yearling Leghorn fowl, Carl B Risser, 17¼ cents. 33. Melvin K Barge, 1,500 White Rock cockerel capettes, 13-6, Starr Poultry, 27¾ cents.

Cattle Active, Hogs 50 Higher At Baltimore

BALTIMORE, Feb 10 (AMS) — CATTLE AND CALVES· The small supply of all classes was active with good clearance. Approximately 60 per cent of the supply was made up of fed steers and 10 per cent fed heifers, these predominately good and choice grades, the remainder mostly cows Fed steers sold mostly 50 cents to 75 cents higher with instances $1 00 up, the most advance was on borderline good to choice grades Fed heifers were strong to mostly 50 cents higher Cows were fully 50 cents to $1 00 higher with the full advance on canners and cutters, butc losed steady Bulls were scarce and fully 25 cents higher Vealers were scarce and 50 cents to $1 00 higher Stocker and feeder steers and stock steers calves scarce, steady

The bulk of good and choice 900-1200 lb. feed steers brought $25 50 $26 50

Cattle Market Stronger, Hogs Up $1 At Lancaster Stock Yards

CATTLE Three days 2,814, week ago 2,502 Compared with last Wednesday slaughter steers 75 1 50 higher with high choice and prime mostly $1-1.50 higher, heifers fully 50 cents higher, cows mostly 50 cents up, instance $1 higher on commercial and standard grades.

Stocker and feeders slow this week mostly steady. Bulk choice fed steers 1,000-1,300 lbs $26 50-28 50, a few loads high choice $29-29 25, one load 1,322 lbs.

with a few lots of 1218 1242 lbs included Low to average choice 954-1164 lb steers $26 75-$27 50 and 21 975 lb average to high-choice with a prime end $28 00 Standard and good $23 00 $25 50 Good to low-choice 767 to 910 lb fed heifers sold at $24 50-$25 00 and a few lots of mixed standard and good $23 00 with a few standards down to $20 00 Cutter to commercial cows ranged from $16 00 $19 00 while canners and cutters brought $14 00 16 50 with a few scattered head down to $13 00 Utility and commercial bulls sold at $19 50-$22 25 with an individual at $22 50

Good and choice 150 230 lb vealers moved at $33 00 $37 00 with several head of choice 180 225 lbs reaching $38 00, standard and good brought $27 00 $33 00 Utility to standard $20 00-27 00

A small lot of good and choice 896 lb feeder steers made $25 10, a few good to choice 800 900 lb feeder steers $23 75 25 00 and a few good and choice stock steer calves brought $25 50-26 00

HOGS The small supply of butchers were active and sold 50 75 cents higher Sows were scarce and 25 50 cents higher The supply was comprised largely mixed lots of U S No 1, 2 and 3, 180 220 lb buthers, thesec bringing $21 50 21 75 with a few lots of mainly No 1 and 2 at $22 00 A few mixed No 1 3, 300 400 lb sows brought $16 75 17 50 and a few under 300 lbs $18 00

SHEEP Nominally steady Small lot of 67 lb utility slaughter lambs $22 00, individual 70 lbs hoice slaughter ewes $14 00

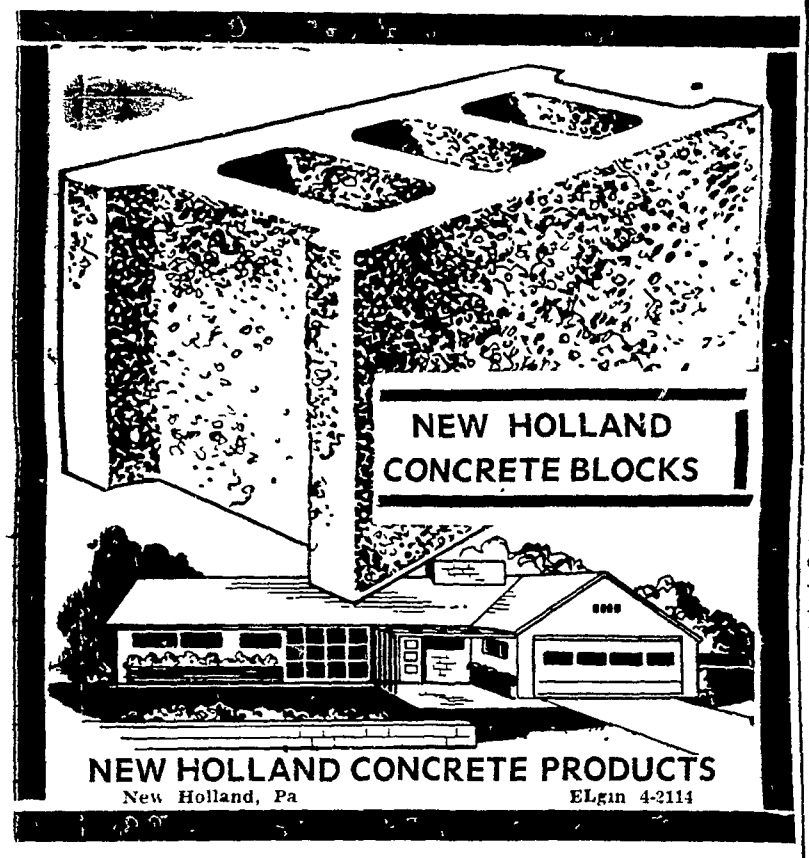
mostly choice $29 75, load 1.380 lbs Average prime steers $32. Good and low choice steers $25-26 50 Small lots good and choice heifers $22-25.50

Late sales cutter and utility cows $15-18 50, high utility and commercial $18 75-19 75, a few standard cows to $21 and $21.40. Canners and low cutters $13-15.-50 Utility and commercial bulls $20 -22.50. Good fed yearling bulls to $24.50 Bulk medium and good stocker and feeder steers 610-1,083 lbs $22.-25.00, some common and medium $20-22.

CALVES 555, week ago 669. Vealers fully steady with last Wednesday. Bulk good and choice vealers 140-210 lbs. $28.50-34, high choice and low prime $34 50-39, odd head to $40 Standard grade vealers $23-28.

HOGS 1,343, week ago 1,663. Barrows and gilts fully $1-1.25 higher than last Wednesday, sows around 50 cents higher Bulk barows and gilts mixed US 1-3, 190-240 lbs in Wednesday's trade $21 75-22 25, small lots No. 1 and 2. 190-230 lbs. $22 25-22 50, about 15 head No 1 $23. One lot 150 lbs barrows and gilts mixed grade $20 50 Sows on Monday sold from $15 -18 50 for weights 270-550 lbs grading US 1,2 and 3.

SHEEP 119, week ago 181. Supply mainly wooled slaughter lambs grading utility to low choice Slaughter lambs fully steady with last Wednesday. Bulk good and choice wooled lambs 75 90 lbs $22 50-26.50. a few head to $27 Utility and low good $19 50-22 50 Aged sheep too scarce for a market test.



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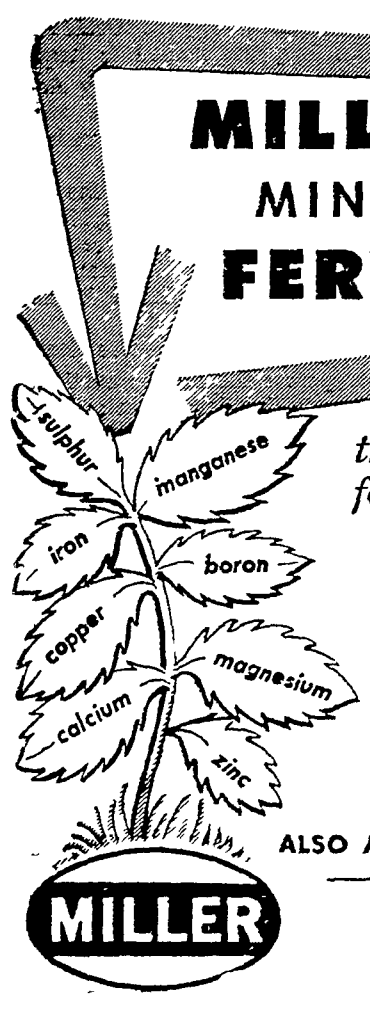

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FARM BUREAU
COOPERATIVE ASSOCIATION
WEDNESDAY, FEBRUARY 19, 10 A. M.
Guernsey Breeders Sales Pavilion, Lincoln Highway East
6 Miles From Lancaster

- Management Reports on years operations
- Election of Directors
- County Agent Report —M. M. Smith
- Entertainment

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Free Lunch Will Be Served At Noon • Adjournment 3:15 P. M.
EVERYONE WELCOME
Bring Your Family and Neighbors

Wednesday New York Egg Market

By Urner-Barry

NEW YORK, Feb 12 — No sales were made Wednesday due to Lincoln's Birthday.

Weekly Egg Price Review

	Feb. 6	Feb 7	Feb. 10	Feb. 11
NBY WHITE				
Ex Fcy Hywts	38½-39	38½ 39	40	39½-40
Mediums	37½	37½	38½	38½
Pullets	33½	33½	33½	33½
Peewees	Unquoted			
NBY BROWN				
Ex Fcy Hywts	43	43	43	43
Mediums	39½	39½	39½	39½
Pullets	35	35	35	35
Peewees	Unquoted			

LIVE POULTRY

PHILADELPHIA Feb 12 — Steady to firm. Demand was good for most classes and relatively light supplies moved readily. Rest movement was for yearling hens, pullets large caponettes and fryers.

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PHILADELPHIA EGGS
(BY USDA)

PHILADELPHIA Feb. 12 — About steady. Demand was good for top quality offerings which were more than sufficient for immediate trade needs.

Prices to retailers in cartons (cents per doz.)

Grade A & US grade A large whites 50-54, mostly 50-51, browns 50-54; mostly 50-51

Grade A & US grade A med. whites 45½-50, mostly 46-50 browns 45½-50; mostly 46-48,

Grade A & US grade A small whites 42-45; mostly 42-42½, browns 42-45, mostly 42-42½.

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Cattle at Chicago Active, Higher; Hogs Moderate

CHICAGO, Feb 10 (AMS) — CATTLE 16,000 Receipts will exceed the morning estimate by about 1,000 head Slaughter steers active, steady to fully 50 cents higher compared last week's close and largely 50-$1 00 higher than last Wednesday Heifers steady to 50 cents higher than last week's close, good grade heifers rather slow Cows and bulls active, cows steady to strong, bulls strong to 25 cents higher Vealers steady to $1 00 higher Stockers and feeders scarce, few sales steady to 50 cents higher.

Three loads average prime to high prime 1125 1250 lb slaughter steers $33 25 and $33 50, latter price for two loads 1200 and 1250 lb weights $1 00 higher than last week and a new high since October 1956 One load 1125 lb steers at $33 25 feedlot mates of 1154 lb cattle which sold at $31 50 two weeks ago today, nearly a dozen loads prime 1090-1350 lb steers $32 50-33 00, bulk choice and prime steers $26 75-32 00, load 1331 lb weights at $32 00 Feedlot mates of $29 50 cattle last Monday, loadlots mixed choice and prime steers sold as high as $31 00 and a few loads average choice long shipped steers sold as high as $29 00, most good and low choice steers $23 50-26 50, few utility and standard steers $19 50-22 50 Choice to low prime heifers $25 25-28 00, good and low choice heifers $22 50 25 30, standard heifers sold down to $19 00 Standard cows largely $18 00-19 50, utility and commercial cows $16 00-18 00, canners and cutteers $13 50-16 50 Utility and commercial bulls $19 25 21 25. Good and choice vealers $27 00 33 00, standard grades $21 00-27 00

Most cull and utility vealers $12 00-20 00 Load low choice 761 lb feeding steers $25 00

HOGS 5,000 Moderately active, 25-50 cents higher on barrows and gilts Sows opening 25 cents higher All interests in trade early U S No 2 and 3 190-240 lb butchers $20 25-20 65, around 300 head mostly No 1, to 3, 190-225 lbs $20 75, No 1 lots these weights scarce, 15 head lot No 1, 215 lbs $21 00 No 2 and 3, 250-280 lbs $19 75-20 25 Several lots No 3, 290-330 lbs $18 75-19 50 Larger lots mixed grades 425-550 lb sows $17 00 18 00, few lots 325 400 lbs $18 00-18 50.

SHEEP 2,000 Two loads shorn lambs and small number slaughter ewes on sale, balance decks and load lots wooled slaughter lambs Slaughter lambs opening steady, slaughter ewes fully steady Double deck choice and prime 90 lb summer shorn lambs $24 75 deck mixed wooled and shorn good and choice 100 lb lambs $23 50, deck good and choice 104 lbs No 1 and 2 pelt lambs $22 75, cull and utility grade wooled slaughter lambs $17 00-22 00 Several loads good to choice wooled lambs unsold late Good and choice slaughter ewes $8 50-10 00, cull and utility $7 00 8 50

Feed Test Shows Cobs Can Be Used As Roughage

Cattle can be fed to top profit finish on either ground shelled corn plus hay, or ground ear corn serving as both grain and roughage, if both are supplemented adequately, according to a feeding test recently conducted by the Ralston Purina Company.

Two hundred steers were involved in the test. Half of them were fed ground shelled corn and an alfalfa hay-molasses mixture with supplement.

The other hundred steers were fed ground ear corn, with supplement mixed into the daily ration. Sufficient molasses was added to make it approximately equal to the per cent of molasses in the corn-alfalfa ration. Both groups of steers had access to salt and minerals.

The hundred steers getting ground shelled corn and alfalfa hay gained an average of 3.30 pounds per day for the 128-day feeding period, compared to a 2.93-pound average daily gain for the hundred steers in the ground ear corn lot. Feed costs, however, in the ground shelled corn group amounted to $80 92 per head, compared to $65.70 in the other lot.

Average weights in the two groups were nearly equal at the beginning, about 740 pounds. The ground shelled corn steers weighed an average of 1,12 pounds at the end, compared to 1,116 in the other group.

The differences in rate of gains were essentially offset by the difference in feed costs in the two lots, and net profits per animal were nearly identical in both groups. Steers in the ground shelled corn group averaged $23.03 net profit each, compared to an even $23.00 in the other lot, showing that with proper grain supplement, cobs can be an effective roughage in the cattle ration.

PROCESSED POULTRY

PHILADELPHIA, Feb. 12 — Processed poultry, ready-to-cook (ice packed) young chickens - about steady. Liberal offerings were more than sufficient to meet the fair demand

Prices paid delivered warehouse, Philadelphia (cents per lb) grade A & U S grade A, 2-3 lbs. 33-36, mostly 33½-34. Hens: ready-to-cook (ice packed) steady. Demand improved. Lighter Supplies were no more than adequate for trade requirements. Proces paid delivered warehouse, Philadelphia (cents per lb.) Grade A & U S. grade A 4-5½ lbs. 36-37.

Receipts Feb 11, 301,000 lbs. Included other than turkeys: Maryland 98,000 lbs. Delaware 88,000 lbs North Carolina 44,000 lbs. irginia 32,000 lbs.

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KAYLOR BROS.	Rt. 230, Rheems
LANC. CO. FARM BUREAU	Dillerville Rd., Lanc.
CLEM E. HOOBER	Intercourse
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Complete Starter

THE critical needs of replacement chicks at starting time are well known. Also well known is Beacon Complete Starter, a special feed formula for tomorrow's egg producers.

The nutrients in Beacon Complete Starter do more than support the early growth impulse. They help your chicks become well feathered, strong boned birds. It starts them on the road to the body capacity that means sustained laying ability later.

What's more, Beacon Complete Starter, like all Beacon rations, is backed by your Beacon Advisor — one of a team of specially selected, specially trained field representatives whose job it is to help poultrymen control costs, build profits.

Let us know how many birds you plan to start this year. We can tell you quickly how little it will cost to start each chick on Beacon Complete Starter. You'll be pleased at the low feed cost per chick, pleased at the extra nutrition your birds will be getting.

Beacon Dealers and Beacon Advisors are located throughout Lancaster County. For the name of the one nearest to you please phone or write:

The Beacon Milling Company
Philadelphia and Carlisle Sts., York, Pa.
Telephone: York 8-2341.

BEACON

Eastern Farmer in Added Price Squeeze Brought on by Higher Farm Land Costs

COTTON IS NO longer king in the South and farmers in other parts of the nation are becoming more and more aware of this. Here in Lancaster County, the impact of the South on the broiler industry has been felt for several years and is getting stronger all the time

Midwest cattlemen and feeders, too, are feeling a slight pinch being put on by the Southern farmer. Recent figures show that the Cornbelt is getting a definite bulge to the south and the trend is increasing

Now comes word that large scale vegetable operations have been introduced into several areas of the South. While this does not seem, on the face of it, like much news, we are not referring to the age old winter vegetable producing areas of Florida and Texas, but to states like the Carolinas and Georgia where vegetable production was limited to the family garden.

Last year, for example, Robenson County, North Carolina, produced 120,000 bags of dry onions and plans even larger acreages for the coming season.

In the Western States things are happening too Kansas, long hampered by a one-crop economy, which made for a boom or bust type of income depending on how well the wheat crop did, now has found that added income can be made from such crops as late onions and cantaloupes

And around Kearney, Neb, commercial tomato production is being given a good field test. Early reports indicate that tomatoes may prove to be very successful there.

These changes point up a fact that has been hurting the Eastern farmer more and more: As soon as costs of production here become high, farmers in the South or West are quick to jump in and produce that product about as well and at less cost. Transportation costs are becoming less a factor.

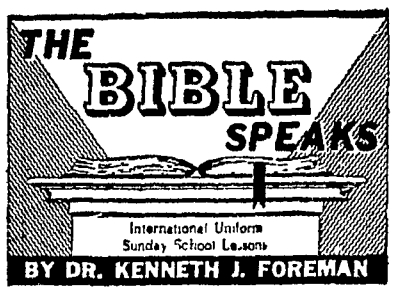
Therefore, it seems, it requires the Eastern farmer to produce a quality product at a low cost. When this cannot be done, the market is soon lost to other producers.

To do that, farms here are going to have to become more mechanized to keep down labor costs. Cultural practices will have to be adjusted to get the maximum return per acre of land. And, in many cases, it will mean operation of more acres of land.

With land prices as high as they are in this area, the farmer operates under the handicap of having such a tremendous part of his capital tied up in only one of the three means of production.

The economists tell us that the average farm will have the farm inventory divided almost equally in land, machinery and livestock. Here in Lancaster County, and in Southeastern Pennsylvania generally, the land cost will be about half the total assets of the farm.

Therefore we believe that a general decline in land prices is due in the not too distant future. No doubt land values here will always remain well above the national average becuse of the pressure for land for living brought about by the general industrialization of the area But farmers will not long be able to farm, especially the young man just starting, if most of their money is tied up in land.



Bible Material: Luke 4 42-43, 5 1-3, Romans 10.14 17, I Corinthians 1·18-31; Ephesians 3 7-19
Devotional Reading: Mark 1:14-20

Faith By Ear

Lesson for February 16, 1958

WHY IS there so much talking in church? By the preacher, that is There are denominations that don't take much stock in preaching—and in consequence are not famous for good sermons But the churches supporting this column are all preaching churches. They make a great deal of it When you attend a "worship service" at 11 A M on Sunday in one of these churches, out of an hour's time you will be expected to listen to a man talking at least half that time Couldn't you get what the preacher is trying to say, faster, if he just passed out leaflets containing his sermon, all printed out?

Dr. Foreman

The Christian custom of preaching arose because this religion took its start among illiterate people Those who could really read and write, beyond a few words, were far more rare than they now are in the civilized lands of the world. Furthermore, since all the first Christians were Jews, they were already used to the synagogue service, where from childhood they had been brought up to expect some one to read aloud and to explain the Scriptures.

Person to Person

If the Christian church had depended, when it began, on written literature, it would hardly have got a start All through the New Testament one finds expressions like "faith comes by what is heard", Not by what is read! The very word "preaching" means proclaiming, and seldom refers to written proclamations The question may occur to a modern Christian Isn't this out of date? Don't we live in an age of public schools and literacy? Are we expected always to have faith by ear, as it were, and not by eye?

There are many good reasons why even the most progressive churches have no intention of giving up preaching, or to put it on one side. It is quite true (and has always been true) that there are other ways of "hearing" the Gospel than by ear Nevertheless preaching is still blessed by God. This does not mean that every so-called sermon enjoys God's blessing Some "preaching" is no better than a lot of unlovely noise. But preaching is blessed; that is, by it men are aroused from indifference to God, they are converted, growing Christians are helped to grow, and suffering Christians are helped to take their burdens in a Christlike way. Why is this? One of the reasons is that good preaching is person-to-person It has a **this-means-you** overtone in it A written thing can be ignored, thrown into a wastebasket, but it is harder to ignore a sincere, man who is talking to you about God and you

Congregations could help themselves, and the preacher, if they would do something about this. Try to make out what the subject is,

What's He Driving At?

The common expression, "What's he driving at?" really means, What is he trying to say, in a nutshell? What is the theme, the topic, the subject, of his remarks? A poor preacher may not even know, or he may know what he is trying to talk about, but his actual sermon may cast no light whatever on his subject But in a good sermon everything the preacher says comes out of his central theme or idea. And—a most important point: his central theme or idea ought to be drawn from God's Word If not, then the so-called preacher is actually only reading an essay or giving a rambling talk on some of his own notions

What's He Driving For?

If a minister really preaches the Word of God, if he takes the whole Bible for his base-line, he will not lack for vital and thrilling subjects But one of America's most famous preachers, whose wife used to ask him regularly every Friday night, "Darling, what's your subject for next Sunday?" was thrown into a tailspin by a different question from her, one night: "Darling, what's your object?" Preaching, when it is good, is persuasive The object is to take people from where they are at least a little nearer to where they ought to be Ministers are often taught to "preach for a verdict" If a minister is really preaching the Word, he will be proclaiming the Way of Life He will be making the way to God simple, and the life in God real. Like Paul, he wants by all means "to win some"—to Christ.

(Based on outlines copyrighted by the Division of Christian Education National Council of the Churches of Christ in the U S A Released by Community Press Service)

This Week in Lancaster Farming

BY JACK REICHARD

75 Years Ago

A writer on the subject of Communism pointed out that the opinions and purposes of communists were regarded by most Americans as very dangerous in character because if carried out they would lead to the destruction of the existing order of society The writer stated

In America it is held that every man has the right to honestly earn and to hold property without any limit and to be protected in his possessions by the law Communism in its extreme form, denies the right to acquire property at all and announces its counter principal in the brief sentence Property is theft — every man who holds possession for his own use of any thing however he may have acquired it is guilty of stealing what belongs to the whole human race

According to the writer the Communists of America in 1883 consisted chiefly of Frenchmen and Germans with a sprinkling of Poles, Spaniards Italians and Irishmen and were not of the violent class

Baltimore Claimed Best Butter Producing Cow

Back in 1883 Baltimore claimed it had the best butter producing cow in the United States which produced milk suffient to make 25 pounds of butter in one week She was bred in New Jersey and cost the owner $2 000

A group of benevolent men who established a coffee house in Boston with no pecuniary interest in mind were clearing on an average of $1 000 per month The establishment had elegant fixtures billiard tables, a cigar stand and every accessory of a well furnished saloon of the mid 1800's except intoxicating drinks

Seventy-five years ago devotion to public was evinced by a lady aged eighty who maried a man of about the same age She explained He came to my house so much if I didn't marry him people would talk

That same week, in 1883, the editor of the Waynesboro Record told his readers "that the report that he was father of eighteen children was not corect, as he had only fifteen"

50 Years Ago

An entertaining woman living in the State of Washington raised some 2,000 turkeys on her forty acre farm in the 1907 season She devoted her energies almost exclusively to turkey raising, in which she had the assistance of threesons She received an average of $3 43 apiece, cleaning up about $5 000 from the year's operations, a lot of money fifty years ago

The woman claimed that the mild and dry climate of the Pacific slope was especially adopted to bringing the young turkeys through the critical first six weeks of their life In hatching her large flock she used incubators and hens

Top Price For Hogs Up To 1908

The highest price ever received for a hog in this or any other country up to 1908 was paid in January of that year to a hog raiser of Danville Iowa, by a Missourian for the four-year old Poland-China boar Impudence, with a price tag of $10,000 The er for $4 000
hog was bought by the Iowa own-

Farmers in general were interested in the rural parcels post measure introduced in Congress by Senator Burnham, of New Hampshire in 1908 The bill provided for rural delivering of parcels containing merchandise and other articles weighing up to 11 pounds and not more than three feet six inches in length

Japan Mushroom Growing Unique

In sections of Japan a regular business a half century ago was the growing of mushrooms and the method of cultivation was unique

Oak trees six inches in diameter were feled and cut in lengths of six feet and the bark scarred in numerous places with knives After laying on the ground for three years the logs were stacked in rows in a shady place In a short time the fungous growth appeared and at the proper time it was cut and marketed Following this piles of logs were scattered and the bark pounded with a heavy mallet This treatment seemed to superinduce the growth of a second crop when the logs were restacked

Lancaster Farming

Lancaster County's Own Farm Weekly
Established November 4, 1955
Published every Friday by OCTORARO NEWSPAPERS, Quarryville, Pa — Phone STerling 6-2132 or Lancaster, EXpress 4-3047

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25 Years Ago

Total receipts colected from motorists using the Columbia-Wrightsville bridge across the Susquehana River in January, 1933, were $8 367 20 less than was required for the annual pay of the fourteen regular tool collectors employed according to figures made public by the Keystone Automoble Club

Garrison P Knox manager of the club's York County Division, stated the first month's collection in 1933 amounted to $19,-832 80 The annual payroll of the toll colectors was $28,200 This large sum was necessary because of the double set of toll collectors employed one to sell and the other to colect the tickets

Knox recommended that the County Commissioners responsible for the operations of the bridge adopt the hand register system employed on other bridges which would reduce the number of toll colectors to seven instead of fourteen

Of 265 motor vehicles stolen from Pennsylvania residents in January 1933 the Bureau of Motor Vehicles reported that 181 were recovered

In a report release for that same month the bureau of fire protection Pennsylvania State Police, announced that 67 cases of incendiary and suspicious fires were assigned to them for investigation

Twenty-five years ago this week was "Fineless Week" at the Public Library in Cambridge, Mass, resulting in the return by John McIntosh of a book, "The Story of Scotland" 38 years overdue

When Corneluis C Matthews applied for a license to wed Miss Mary B Hayes at Manhattan, Kan, he handed the judge 350 pennies.

Instead of a honeymoon, Herbert Pierce of Springfield, Mo, went to prison for two years after stealing a shirt for his wedding

A watermelon of the Tom Watson variety, weighing 65 pounds, was produced on the J J Simpson ranch, near Maryville, California, in 1933.

Now Is The Time . . .

By MAX SMITH

County Agricultural Agent

Max Smith

TO FILE INCOME TAX REPORT — Farmers who did not file a tax estimate in January have until February 15 to file and pay their income tax If an estimate was filed, then farmers have until April 15 to file the final return These deadlines are for farmers ending their year on December 31

TO USE CARE IN HAY BUYING — Be careful about the hay that is bought, it may contain undesirable weed seeds that will infest your farm There are laws to prevent the sale of noxious weeds in crops seeds, but none to prevent the spread of weed seeds in hay Inspect it closely and do not buy additional weed problems for the future

TO PRACTICE LIVESTOCK ISOLATION — Extreme caution should be used when new animals are purchased into the herd, many herds of breeding beef and dairy cattle have been re-infected from purchased animals Imported animals should be isolated for 30 days and then blood tested Cases of shipping fever will also be reduced with this sound management practice

TO PLAN SPLIT LEGUME SEEDINGS — Farmers who are planning to broadcast alfalfa or clover seeds in the winter grain might use the method of broadcasting half of the amount late in February and the other hlf 10 days to two weeks later By this method better coverage is attained and a thicker stand is realized With the broad cast method early spring seedings are more successful, than those of late March and April.

Five Directors to Be Elected At Annual Farm Bureau Meeting

An address by a top executive of the Pennsylvania Farm Bureau Cooperative Association, Harrisburg, and election of five directors will highlight the 23rd annual meeting of the Lancaster County Farm Bureau Cooperative Association on Wednesday, Feb 19

Charles C Burkins, general manager of the organization owned by farmers throughout Lancaster county, said the meeting will be held in the Guernsey Breeders Sales Pavilion, Route 30, approximately six miles east of Lancaster, starting at 10 a m Luncheon will be served at noon with the afternoon session convening at 1 30.

Main speaker for the program will be George G Connor, general manager and executive vice president of Pennsylvania Farm Bureau He is scheduled to speak during the afternoon session

During the morning session, five directors will be elected, four to serve full three-year terms and one to serve for one year, filling the unexpired term of Mark S Hess, who now is manager of the Pennsylvania Farm Bureau feed operations.

The nominating committee has proposed the following slate of candidates for the directorships

Northeastern District — Willias Z Esbenshade, Lancaster, incumbent, and Milton Brubaker, Lititz, Southeastern District — Veryl E Brown, Peach Bottom, incumbent, and Howard Coates, Nottingham, Northwestern District — Paul G Hershey Manheim, incumbent, and Homer Z Ginder, Elizabethtown, Southwestern District — Amos H Funk, Millersville, incumbent, and Edgar Porter, Washington Boro, Southwestern District (one year) — David L Neff, Washington Boro, and Donald L Rutt, Willow Street

Time will be allotted for additional nominations to be made from the floor of the meetng

Also scheduled for the meeting will be a talk by M M Smith, Lancaster county agricultural agent, and reports by H R Metzler, treasurer, Manager Burkins and John E Wolgemuth, assistant manager, and Richard F Hertzler, district manager for Nationwide Insurance Companies The president's annual message will be given by Hess, who is retiring

Entertainment will be presented by J William Frey, professor of French at Franklin and Marshall College.

Sales Dates

Mon , Feb 17, one mile north of Lancaster, at intersection of Manheim and Harrisburg Pikes farm machinery of all makes, hay, straw, hardware and tools Sale at 11 a m.

Tues , Feb 18, six miles southwest of Chambersburg, one mile south of Marion, 40 tractors, all kinds of farm machinery Sale at 10 a m

Sat , Feb 22, at Martin's Sale Barn, Blue Ball County Swine Producers Bred Gilt sale. Approximately 40 bred gilts and 10 purebred boars.

Saturday, Feb 22, 12 30 p m , sale of full line of farm implements, 1 mile east of Pequea on road leading from Mt Nebo to Pequea Sale by Earl Sellers and Jacob W Neff

Thursday, Feb 27, half a mile south of Longeneckers Mennonite Church off Route 896. Poultry equipment, farm implements, hay and straw Sale by Amos N Miller. Sale time noon.

Sat , March 1, one mile north of Square, Middletown, along Route 441, 23 acre poultry and peach orchard farm, farm equipment, some furniture Sale at 11 a. m.

Wed , March 12 at R1 Gap, along Route 30 midway between Kinzer and Gap by Mary Zander Two tractors, pickup truck, farm equipment, hay, straw, corn, pullets and household goods Sale time noon

Sat., March 29, relief sale at the Ralph S Hertzler farm, half mile south of Morgantown. Household goods, farm equipment, general items. Sponsored by the Zion Mennonite Church to distribute surplus government-stored farm products in foreign countries where malnutrition is high Each dollar raised will provide for at least $20 worth of food

Fri , April 4, at Mt. Joy, community sale of furniture, lamps 100 hogs, 50 head of cattle, apples, hardware and tools.

High-Amylose Corn May Find Wide Use in Packaging Industries

A new type of corn having a high content of amylose — an unusual kind of starch—show promise as a raw material for many important industrial products, the U S Department of Agriculture reports

Starch from this new type of corn contains as much as 80 per cent amylose, compared to 25 per cent found in usual cornstarch. Chemists of USDA's Agricultural Research Service, cooperating with several State Experiment Stations, are trying to develop strains of corn with even higher amounts of this useful material.

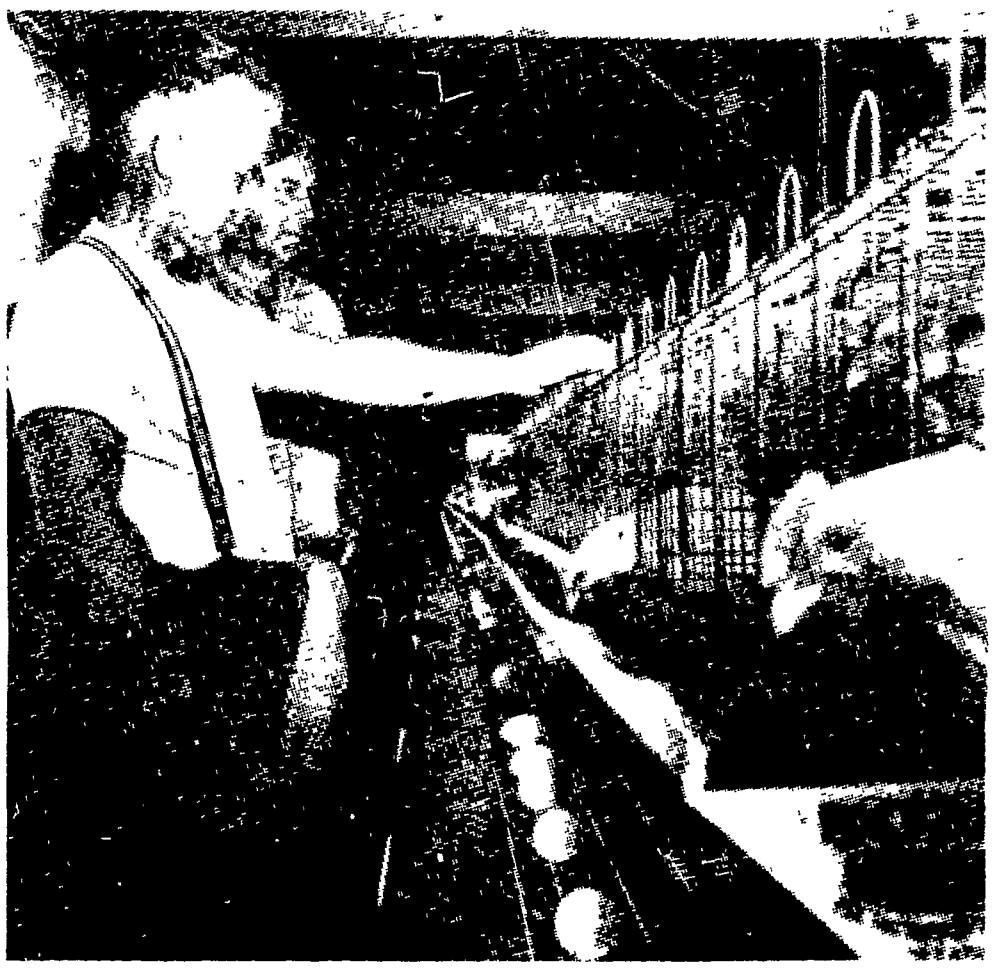
Unlike regular cornstarch, starch from the high-amylose strains is expected to serve as a raw material for making durable fibers, plastics, and transparent films

High amylose corn hybrids produced thus far in the breeding program generally lacked desired yielding ability, but strains producing up to 60 per cent amylose with ears and kernels like those of ordinary dent corn have been developed by plant breeders These and other promising strains are the subject of chemical and processing studies by USDA's Northern Utilization Research and Development Division Peoria Ill

One of the many products foreseen from this new type corn is a thin transparent edible covering for foods Such a film could be placed on irregular shaped foods or food products by dip coating or spraying Many industrial uses for the high-amylose starch can be expected if suitable varieties of the new type corn are developed

Starch from ordinary dent corn is unsuited for spinning into films and fibers because of its low amylose content Nevertheless, low-amylose starch made from ordinary corn has many important industrial and food uses, such as for textile and paper sizing, adhesives oil-well drilling muds and a wide variety of food products. The new high amylose corn variety is expected to find new additional industrial outlets

Business poultrymen are buying PURINA feed efficiency for low-cost production



17.2 cents feed cost per dozen

John Rutt, who farms near Ephrata in Eastern Pennsylvania, last year decided to make a careful check of egg production cost. He and Jim Rupp, serviceman from his dealer in Ephrata, kept track of every egg laid and every pound of Purina Layena fed for 7 straight months. At the end of 7 months' record here is his conclusion:

"I have always considered Purina a good buy because of its quality and efficiency. Now I know it. What's more, I get the free help of a trained serviceman whenever I need it. And Jim's right here close to home."

HERE IS THE RECORD THAT CONVINCED HIM:

Month	Number of Hens	Number of Eggs	Lbs. Feed Cage Layena	% Prod.	Lbs. Feed per Dozen	Feed Cost Per Doz.
January	1,000	21,871	7 400	71	4 05	17.79¢
February	1,000	21,317	7,000	76	3 94	17 86¢
March	999	23,944	7,700	77	3.84	17 37¢
April	949	22,178	7,100	78	3.30	17 28¢
May	1,000	22 662	7,400	73	3.87	16 96¢
June	1,000	21,707	7,000	72	3.81	16 83¢
July	977	21,102	6,400	70	3 63	16 33¢

YOU CAN DEPEND ON PURINA EFFICIENCY FOR LOW-COST PRODUCTION

James High Gordonville
S. H. Hiestand Salunga
Snader's Mill Mt. Airy
B. F. Adams Bird-in-Hand
Warren Sickman Pequea
Wenger Bros. Rheems
John J. Hess Kinzers — Vintage
John J. Hess II Intercourse—New Providence
Blend & McGinnis Atglen
John B. Kurtz Ephrata
Whiteside & Weicksel Kirkwood

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Their Values and Limitations

You hear a lot about antibiotics and extra production feeds these days Our own research and a review of most college reports indicate that antibiotic treatments for laying hens often are worth the money when the birds are diseased usually are not when hens are healthy and laying well When you do need antibiotics, Purina will furnish them on special order in your regular Purina Chow Or you have your choice of several Purina products Your Purina Serviceman will help you choose the best one for your conditions

Chek-R-Aid—Treatment feed with Aureomycin (100 gms per ton) and extra-high levels of vitamins to help restore health and appetite

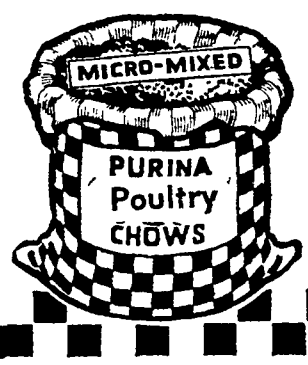
Check-R-Mycin — High-level antibiotic treatment for use in drinking water.

Pura-Mycin — new drinking water treatment containing a high level of another antibiotic—Terramycin.

Boost-R-Aid — a "convalescent" drinking water treatment to give to birds recovering from disease or going through the stress of vaccination, moving, etc. Has a lower level of antibiotic, plus high-level vitamins.

Inject-R-Mycin — High-level antibiotics for injection when other methods fail Often brings quick and dramatic relief.

Don't wait until it's too late. Call your Checkerboard Serviceman at first signs of trouble.



Cassel, Lapp Win Top Honors in Beef, Lamb Club

Marlin Cassel, R1 Manheim, and J David Lapp, R1 Bareville, shared honors at the Red Rose Baby Beef and Lamb Club Banquet Friday night.

Cassel was named county champion in the beef division and Lapp had the county and state champion lambs

Both received trophies and Cassel a gold watch.

County agent Max Smith too received a watch for his work with the club However, his was one of the new electric types.

Speaker at the dinner, held at the Armstrong Cork Co. Audi torium in Lancaster, was Dr. Allen S. Meck, president emeritus of the Theological Seminary of the Evangelical and Reformed Church, Lancaster

Speaking on the topic of "Tips for Tip-Top Boys, Girls, and Parents," he said that young people must be ambitious to learn to do one thing well. "If you are going to be a farmer, you shouud plan to be the best farmer in Lancaster County"

He aso warned both the youths and their parents to live so that they will not throw the ashes of a misspent life into God's face

Nancy Rohrer, R3 Lititz, received the trophy as reserve county champion in the beef club. The Southeast district reserve champion's cup went to Miss Dorothy Groff, R1 Strasburg.

Fred Bernard, R2 Mt Joy got a trophy for showing the reserve champion at the first Pennsylvania Livestock Exposition.

For having junior champion Shorthorn and reserve champion Shorthorn at the Farm Show, Miss Marian Hackman, R3 Elizabethtown, received a trophy

Two trophies were given the members whose animals showed the highest daily gain First was Miss Doris Shenk, R3 Manheim, whose Hereford steer gained 2 34 pounds a day. Another Hereford, this one owned by Fred Linton Jr, Quarryville, gained 2 27 pounds a day to take second place.

Miss Leona Augsburger, R1 Reinholds, had the highest project score for the year Second to her was Miss Nancy Gibble, R3 Elizabethtown. Miss Augsburger's score was 99.3 while Miss Gibble posted a 98 9 point score.

Herbert Frey, R1 Marietta, and Samuel Long, R4 Manheim, shared the showmanship honors Frey was top showman at the Lancaster show and Long won his award for an outstanding performance at the State Farm Show.

Although lamb club members were in the minority, they too, shared in the honors Miss Mary Keene, R1 Christiana, received a silver bowl for having the reserve county and farm show champion pen and a trophy for having the Farm Show Champion

(Continued on page seven)

FOR TURNING IN A nearly perfect project score, Miss Leona Augsburger, R1 Reinholds, is presented a trophy by County Agent Max Smith Other award winners honored at the Red Rose Baby Beef and Lamb Club banquet were, Darvin Boyd, left, R1 Ephrata, high score in the lamb club; David Lapp, R1 Bareville, showman of the state Grand Champion pen of lambs; and Marlin Cassel, R1 Manheim, who showed the county champion steer. LF Photo)

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CHECK THESE PRICES BEFORE YOU BUY!

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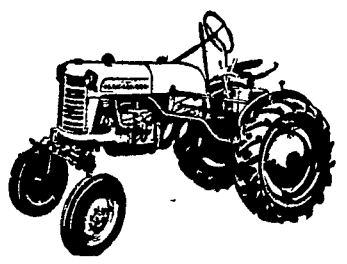

Cub (Complete)
1958 Price $1390.
Our Price $1250.
You Save $140.

Farmall 130
1958 Price $2087.
Our Price $1875.
You Save $212.

Farmall 230
1958 Price $2280.
Our Price $2052.
You Save $228.

Farmall 350
1958 Price $3623.
Our Price $3261.
You Save $362.

Farmall 450
1958 Price $4465.
Our Price $3990.
You Save $475.

350 Utility
1958 Price $3464
Our Price $3118.
You Save $346.

350 High Clearance Introductory Model
1958 Price $3764.
Our Price?
You Save?

330 Utility
1958 Price $3134
Our Price $2884.
You Save $250.

T-6 Crawler Tractor
1958 Price $5977
Our Price $5677.
You Save $300.

TD - 6 Diesel Crawler
1958 Price $6964.
Our Price $6579.
You Save $385.

U 240 Power Unit
6 Cylinder - 64 H. P. Complete!
Our Price $1135.

U 4 Power Unit
4 Cylinder - 35 H. P. Complete.
Our Price $640.

Farmall 200 Tractors While They Last! $1750.

Pancake Days March 16 and 17
Entertainment — Door Prizes
Refreshments

Did You Know You Can Buy a 300 Tractor For As Low as $2000?

Watch For Our Big List of Prizes For This Years Jack Pot Drawing at Our Field Day in April! Be Sure To Get Your Tickets in the Barrel!

Tremendous Savings on Used Equipment! Our Present List is: 1 Cub – 1 Farmall A – 3 Farmall C's 2 Farmall H's – 2 John Deere.

CHARLES B. HOOBER

INTERCOURSE, PA.

Ph. SOuthfield 8-3501

RED ROSE BABY beef and lamb club leader, too, received awards at the annual banquet. Each was given a western style shirt by the members. Nearly 500 people attended the banquet despite snow and frezing wather. (LF Photo) ornpi honor R-f CM WFYTEA SRD ETA SHR SH ET ET

New Deputy To Strengthen P and S Act

Secretary of Agriculture Ezra Taft Benson has announced that enforcement of the Packers and Stockyards Act is being strengthened further by the establishment of an additional Deputy Director in the Livestock Division for over all administration of the Act in the Agricultural Marketing Service.

Benson had recently authorized establishment of a section to deal especially with enforcement of packer provisions of the Act in the Packers and Stockyards Branch of the Livestock Division in AMS. Enforcement of legislative provisions dealing with both packers and stockyards will be the immediate responsibility of the new Deputy Director.

Lee D. Sinclair, who has been in charge of the P&S Branch for a number of years. has been named as Deputy Director. Sinclair is a Member of the Bar in the District of Columbia and Michigan.

Sinclair was born of farm parents in Nebraska in 1909 He received his early education in Nebraska and South Dakota, was a graduate in political science at George Washington University in 1933, and received his law degree from that University's Law School in 1937.

A former special agent for the Federal Bureau of Investigation in 1942-47, Mr Sinclair has worked in all phases of P&S Act enforcement during the last ten years. He was a junior attorney in the Department of Interior in 1939-42.

Benson said he has long had a keen interest in improving marketing conditions for livestock and livestock products, and that he has high appreciation of the role of the Packers and Stockyards Act in safeguarding the interests of producers, market agencies, and consumers Sometime ago, he said, he directed that the work under the P&S Act be materially strengthened and broadened.

4-H BABY BEEF

(Continued from page 6)

single wether

Darvin Boyd, R1 Ephrata, with a score of 98 9 took the project score honors and was awarded a trophy

Miss Mary Ann Hess R5 Bareville, feeding a pen of Hampshires, logged the highest average daily gain with the lambs gaining 42 pounds a day.

For being champion lamb showman at the State Farm Show, Miss Janet Gibble, R3 Elizabethtown, received a trophy

And for having the champion lamb and reserve champion pen at the Eastern National Show at Timonium, Md., Fred Hess, R1 Bareville, got an award.

The only unhappy 4-Her at the banquet was Thomas Daugherty, R1 Kirkwood.

You see, it was his steer that was being eaten with much gusto and relish by the nearly 500 persons attending the banquet

The Lancaster County National Bank purchased the steer at the Southeast District Show and presented it to the Club to be used at the banquet.

Master of ceremonies was club president Donald G. Herr, R2 Quarryville.

The following businesses in the county donated trophies and awards: J C. Snavely & Co, Landisville New Holland Machine Co, New Holand, Lancaster Production Credit Assn, Lancaster, Cope & Weaver, Willow Street, Henry E Martin & Sons, Lancaster, Wolgemuth Bros., Inc.,, Florin, Eby's Mill, Lititz.

Grubb Supply Co, Elizabethtown, S H Hiestand & Co, Salunga, M M. Wenger; First National Bank & Trust Co, Elizabethtown, Farmer's Bank & Trust Co, Lancaster, J E Galen Hardware, Lincoln, and Earl Sauder, New Holland.

Farm Calendar

Feb. 14

Farm Equipment Dealers — 7 p m. at Kauffman's Tea Room

Northern 4-H Tractor Club — 7 30 p. m at Kaylor Bros, Elizabethtown.

Mon., Feb. 17

Watershed meeting — 7 30 p m. at Glicks Plant Farm, Smoketown.

Feb. 18

Farm Bureau Co op annual meeting — 10 a m at Guernsey Sales Pavilion, Lancaster.

ACP, corn acreage reserve and conservation reserve meeting—7 30 p m. at Fire Hall, Rheems.

Southern 4 H Tractor Club—7 30 at Mann & Grumelli. Quarryville

Feb. 19

ACP meeting—7 30 p m at ag room. Lampeter Strasburg High School.

4 H Electric Club—7 30 p m at PP&L Bldg. Lancaster.

Feb. 20

Annual meeting of Bankers Assn.—6 p m at Hotel Brunswick. Outstanding 4 H members will be guests.

Soil Conservation District dinner—6 30 p m at Hostetter's, Mt. Joy.

SPABC Annual meeting—7 30 p m at East Hempfield High School, Landisville

Feb. 21

New Holland Baby Beef Club—7 30 p m at the home of Harold and Richard Leaman, R5 Lancaster.

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It's just good Business to stay out of the Small and Medium class and stay in Large and Extra Large.

Mount Hope Leghorns are the original Big Egg bird based on 35 years' breeding and research.

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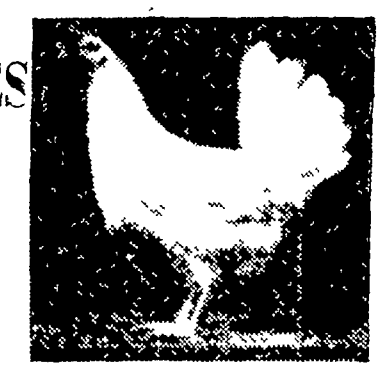
MOUNT HOPE FRANCHISED HATCHERY

This is your largest nearby Franchised Hatchery

Mark C. Hershey

R. D. 5, LEBANON, PA.

BABCOCK BESSIES Receive Egg Quality Award



— at the 3rd Western New York Random Sample Test

Babcock Poultry Farm has been presented a trophy by G. L. F. for top egg quality in white eggs class of the 3rd Western New York Random Sample Test.

Not only did the Babcock entry receive a high score for egg quality . . . but also placed in the top half of the test on income per bird.

In fact, the Babcock entry was the only one to place in the first quartile for all factors:

Income over feed and chick cost
Egg production per bird housed
Egg Size
Mortality
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We would like to sell you Babcock chicks the same kind of chicks that did so well in this Western New York Randon Sample Test.

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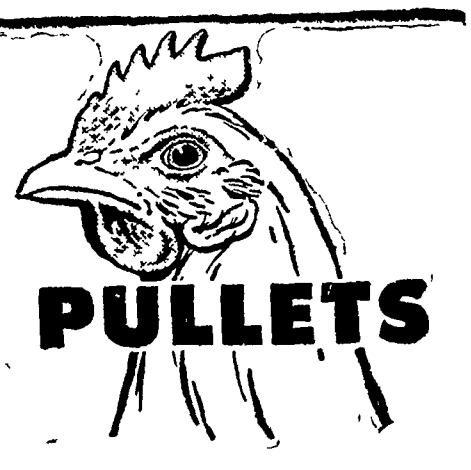

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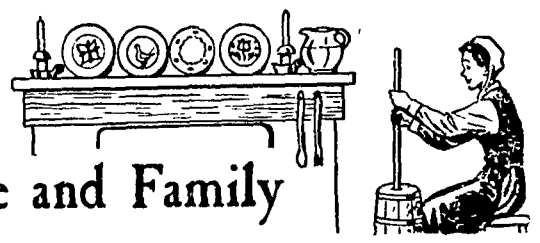

For the Farm Wife and Family

Potatoes Are Low in Calories, High in Food Value; A Good Buy

Here's a calorie comparison that may surprise you. A medium-sized potato — boiled, pressure-cooked, or baked — provides only about 100 calories, approximately the same as a large apple or orange, or half of a large grapefruit. It's the added fat or gravy that can greatly increase the calories in the potatoes served. Of course, fried potatoes may be two to four times as high in calories as the same weight of boiled baked, or pressure-cooked potatoes.

It's worth remembering too, that potatoes offer more than calories. In fact, potatoes give a high return in food value for the money spent on them. One medium-sized potato can furnish as much as one-fifth of the vitamin C recommended for the daily diet, and worth-while amounts of two important B-vitamins — thiamine and niacin. That medium-sized potato also offers worthwhile amounts of minerals — iron, phosphorus and potassium. Of all the vegetables our food markets offer, the potato has long been and still is the most popular. Consumption of fresh potatoes in households averages about five to six potatoes per person per week, according to the latest USDA survey.

HOT POTATO SALAD

Some like it hot, some like it cold — potato salad, that is But the hot is made diff erently from the familiar cold salad and may be a new and appetizing way to serve potatoes in cold weather. Here's a recipe that offers five or six servings of ½ cup each:

HOT POTATO SALAD

3 cups diced raw potatoes
4 slices bacon
¼ cup finely chopped onion
1 tablespoon flour
1 teaspoon powdered dry mustard
1 teaspoon salt
1 tablespoon sugar
½ cup water
1 egg, beaten
¼ cup vinegar

Cook potatoes in a small amount of boiling salted water until tender. Drain. Cook bacon in fry pan until crisp. Remove from pan and chop. Using two tablespoons of the bacon fat, cook onions until golden brown.

Blend flour, mustard, salt and sugar into the fat. Stir in the water and boil for two minutes. Add about two tablespoons of the hot mixture to the beaten eggs, then stir this into the rest of the mixture. Add vinegar and reheat.

Pour the hot dressing over the hot diced potatoes. Mix in the chopped bacon. Serve hot.

1

Try these cold potato salads —

POTATO — CHEESE SALAD

2 cup diced cooked potatoes
2 hard-cooked eggs, coarsely chopped
1 teaspoon salt
½ cup celery, coarsely chopped
2 tablespoons chopped onion
1½ cups diced cheese
½ cup mayonnaise
¼ cup sweet pickle juice

Thin mayonnaise with pickle juice. Combine with remaining ingredients. Chill salad thoroughly to blend flavor. Serve on crisp salad greens. If desired, garnish with sliced pickle. Four servings.

POTATO SALAD-SALMON PLATE

3 cups potato salad
One-pound can chilled salmon
Lettuce
2 tomatoes, sliced
½ cucumber, sliced
4 lemon wedges
Parsley

Mold potato salad into four mounds. Place each on a lettuce leaf in center of platter. Drain salmon and break into large chunks. Suround potato salad with salmon and with tomato and cucumber slices. Decorate with lemon wedges and parsley. Four servings.

Soups made with potatoes are both nourishing and filling. Here are some recipes you might like to try these cold winter days.

QUICK POTATO SOUP

2 cups thinly sliced raw potatoes
¼ cup finely chopped onion
1¼ cups boiling water
1½ cups milk
1 tablespoon butter or margarine
¾ teaspoon worcestershire sauce
1 teaspoon salt
Pepper

Add potatoes and onion to the boiling water. Cover, and cook for 15 to 20 minutes, or until potatoes are tender. Mash the potatoes slightly with a fork to thicken the soup a little if desired. Add milk, butter or margarine, and seasonings. Heat.

For a touch of color, garnish each serving with chopped parsley, grated cheese, croutons, diced crisp bacon, or finely cut watercress or chives. Four servings, one cup each.

Variation. Cut two frankfurters into ¼-inch slices and add them to the soup with the milk.

POTATO-AND-FISH CHOWDER

½ pound fillets of cod, haddock, or other white fish, cut in small pieces
1 cup diced raw potato
¾ cup diced raw carrots
2 cups water
2 ounces salt pork, diced
¼ cup chopped onion
1½ tablespoons flour
1 cup milk
1¼ teaspoons salt
¼ teaspoon worcestershire sauce
Pepper

Cook fish, potatoes, and carrots in the water for about 15 minutes Do not drain. Cook the salt pork in a fry pan until crisp; remove from pan Add the onion to the fat and cook for a few minutes. Blend in the flour and add the milk. Combine with the fish and vegetables and add seasonings. Simmer for 10 minutes, stirring frequently.

Garnish with the salt pork crumbled very fine. Four servings, one cup each.

HAM CHOWDER

¼ cup finely chopped onion
1 tablespoon butter or margarine
1 cup diced raw potato
½ cup coarsely choped cooked smoked ham
1 teaspoon salt
1 teaspoon worcestershire sauce
Few grains paprika
Thyme
⅛ teaspoon celery salt
1½ cups boiling water
2 cups hot milk
1 tablespoon flour
2 tablespoons water
1 cup cooked peas

Cook onion in butter or margarine until it is golden brown. Combine onon, potato, ham, seasonings, and boiling water and cook 15 minutes. Add hot milk. Blend water with flour, stirring until smooth. Stir into the vegetable-and-meat mixture. Cook gently until slightly thickened. Add peas, and heat.

If desired, sprinkle with chopped parsley. Four servngs, one cup each

Here is a recipe for a one dish meal —

NEW ENGLAND BOILED DINNER

2 pounds corned beef
2 carrots
4 small whole potatoes
2 small turnips
4 small whole onions
1 small cabbage
3 small beets

Wash beef in cold water to remove outside brine. Cover with cold water, bring slowly to a boil and cook about five minutes. Remove scum cover, and simmer about three hours or until meat

(Continued on page 9)

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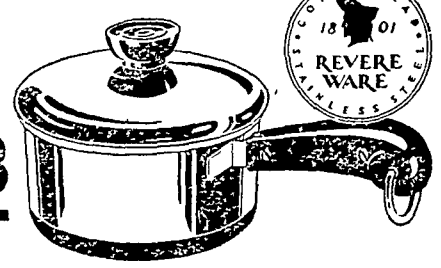

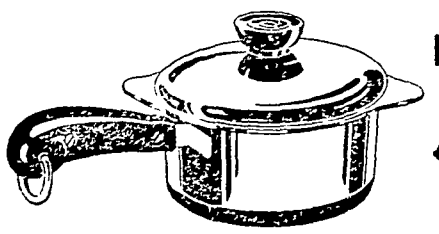

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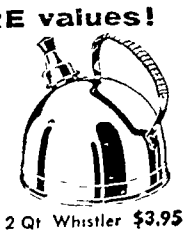

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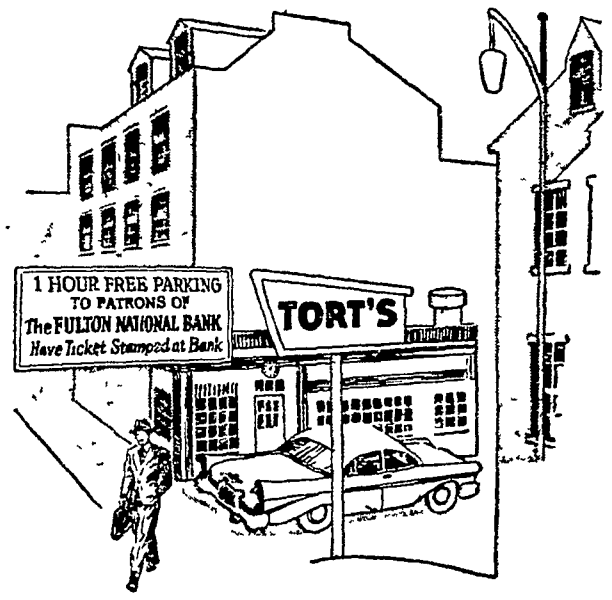

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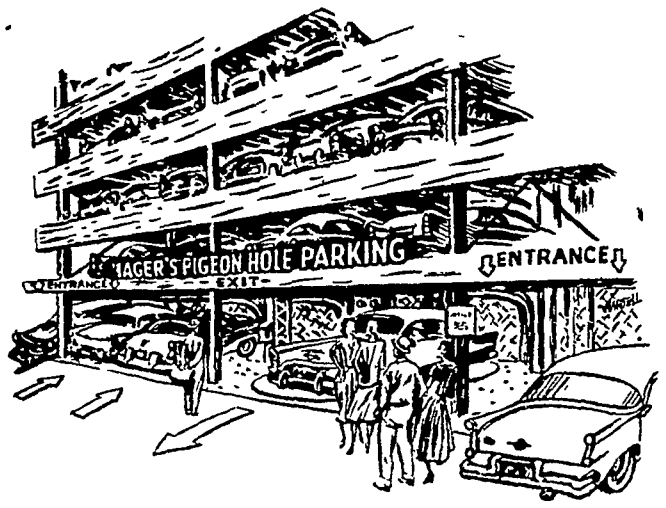

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41th The Fulton National Bank

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HOME ECONOMISTS at the USDA have combined potato strips and cheese with milk to make a stasty nutritious oven dish. Ingredients for this dish include: 3 or 4 medium sized potatoes cut in strips, 1-2 cup milk, 1 tablespoon butter or margarine, 1 teaspoon salt, pepper, 1-2 cup thinly shaved processed cheese and 1 tablespoon finell cut parsley. Pare the potatoes and cut into strips as for french fries. Place the strips into a greased baking dish and pour the milk over them. Dot with butter and sprinkle with salt and pepper. Cover and bake in a hot oven (425 degrees) for 40 minutes, or until the potatoes are tender. Sprinkle with cheese and parsley and bake, covered, for 5 minutes more. This makes 4 servings, 2-3 cup each. (USDA Photograph)

(Continued from page 8)

is almost tender.

Prepare the vegetables; cut carrots and turnips in halves and cabbage in quarters. Boil whole beets separately until tender 30 to 45 minutes.

One-half hour before serving, skim excess fat off liquid and add the prepared vegetables except cabbage and beets. Add cabbage for last 15 minutes of cooking.

Place the hot meat in the center of a large platter and surround it with vegetables including quartered and buttered beets. Four servings.

MASHED POTATO-MEAT PIE

Put hot meat stew in a baking dish Top with hot or cold mashed potatoes If cold mashed potatoes are used, moisten potatoes first with hot milk and beat until fluffy. Bake uncovered in a hot oven (400 degrees) until potatoes are lightly browned and heated through.

CLAM CASSEROLE

2 cups milk
2 cups crumbled unsalted crackers (24 large or 32 small)
2 7 or 7½-ounce can minced clams
4 eggs, well beaten
¼ cup minced onion
1 tablespoon minced pimiento
1 teaspoon salt
¼ teaspoon pepper

Pour milk over crackers; let stand 20 minutes. Add other ingredients including clam juice and pour into a greased 2-quart casserole. Bake in a moderate oven about 45 minutes or until a knife inserted halfway between edge and center of dish comes out clean or with only a fleck of the mixture on it.

This casserole combines meat and vegetables — biscuits are browned Serves four to six

There is nothing more delicious than baked corn or cornpudding. This recipe combines corn with noodles.

CONFETTI CORN PUDDING

4 ounces medium noodles
2 cups milk
1 teaspoon sugar
1 teaspoon salt
⅛ teaspoon pepper
1-3 cups drained cooked whole kernel corn
2 tablespoons chopped green pepper
2 tablespoons chopped pimiento
2 eggs, beaten

Cook noodles Meanwhile, scald milk. Stir in sugar, salt and pepper. Cool to lukewarm. Combine

(Continued on page ten)

HEAR

The Mennonite Hour
Each Sunday

Lancaster WLAN 12:30 P. M.
Norristown WNAR 8:00 A. M.
Hanover WHVR 1:00 P. M.

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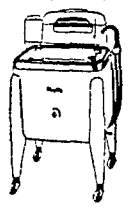

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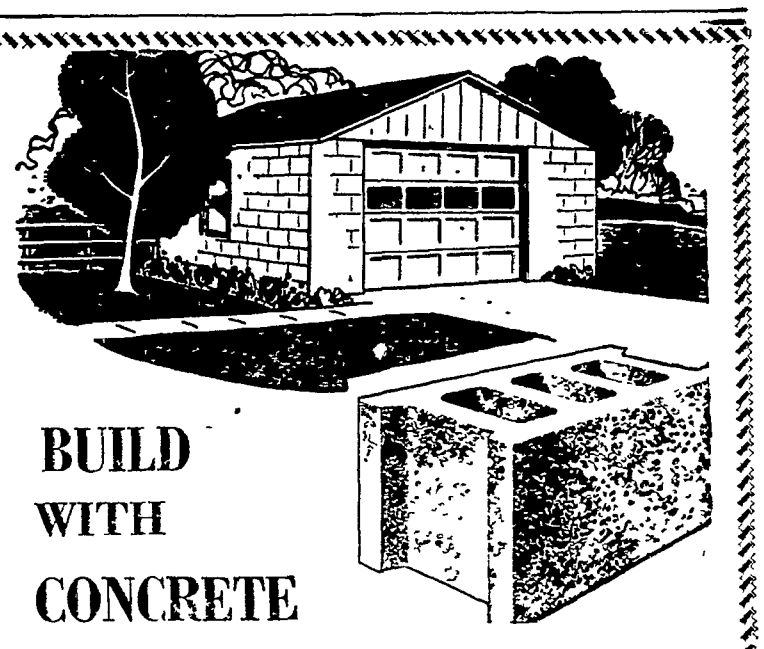

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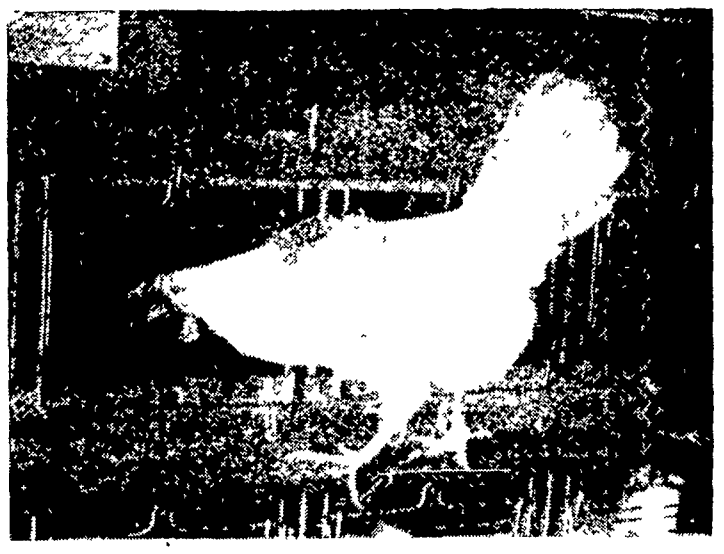

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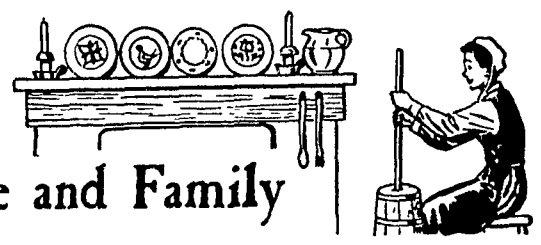


For the Farm Wife and Family

(Continued from page 9)

corn, green pepper and pimiento. Rinse noodles with warm water and drain well. Add noodles to corn mixture. Stir eggs into milk mixture. Combine milk and noodle mixtures. Turn into greased 1½-quart casserole Place casserole in larger pan and fill pan with water. Bake in slow oven (325 degrees) about one hour and 10 minutes, or until set Makes four servings.

A favorite for baking is the sweet potato. We're sure you'll like the tempting tart-sweet version this recipe gives it.

YAM-PINEAPPLE BAKE

- 4½ to 5 cups mashed cooked or canned sweet potatoes
- 1 9 ounce (one cup pineapple tidbits
- ¼ cup softened butter or margarine
- 1 teaspoon salt
- ¼ pound (16) marshmallows
- ¼ cup pecan halves

Combine sweet potatoes, pineapple with the syrup, butter, and salt Place half of mixture in buttered 1½-quart casserole. Top with half the marshmallows. Add remaining potato mixture. Arrange pecan halves in center Cover and bake in moderate oven (350 degrees) 30 minutes or till heated through Top with remaining marshmallows and continue baking 10 minutes longer or until marshmallows are lightly browned. Makes eight servings.

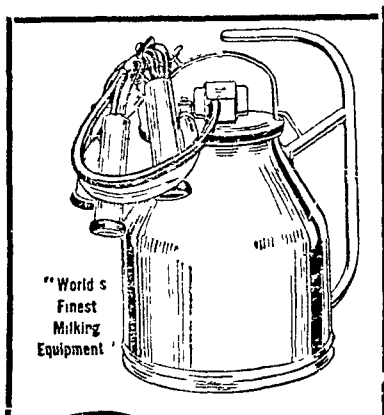
Salads are always a good accompaniment to casserole dishes, especially a tossed salad with a French dressing.

A curry French dressing adds a distinctive touch to any salad. For three-fourths cup of dressing, mix one-half teaspoon of curry powder with the dry ingredients.

A Spanish variation to the French dressing gives a spicy flavor. For three-fourths cup of dressing, add one teaspoon chili powder to your dry ingredients.

Russian and tarragon French dressings are popular and are easy to make. For Russion dressing, add one tablespoon of tomato catsup and one tablespoon of chopped green pepper to three-fourths cup of French dressing. For the latter, make three-fourths cup of French dressing with tarragon vinegar and add two finely chopped hard-cooked eggs.

And, of course, herb French dressing are good with many meals. To three-fourths cup of French dressing, add one-fourth to one-half teaspon of herbs, such as tarragon, basil, mint, marjoram or savory.



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Farm Women 6 Have College Woman Speaker

Guest speaker at the Feb. 1 meeting of Farm Women's Society 6 was Mrs. Clarence Enterline, an instructor at Elizabethtown College. Her subject was "The Woman Beautiful."

The meeting was held at the home of Mrs. Bernard Thome, Milton Grove.

Plans for a dinner at the Wythe Laboratories at Marietta were discussed.

Mrs. Ira Heisey is sponsoring a chartered bus to the flower show in Philadelphia on March 13. Those interested may call her at Mt Joy, OL 3-9937.

Mrs. William Thome and Mrs. C. R Frey gave a short report on the State Convention held in Harrisburg The monthly auction was held.

Devotions were in the charge of Mrs Clayton Risser.

Farm Women 10 Hear Talk On Jewels

Farm Women 10 met Saturday at the home of Mrs Wayne Brubaker, R3 Lancaster.

The Bell Telephone Co. gave an illustrated talk on "Diamonds." Reproductions were shown of famous diamonds and of jewels of Monarchs. Stories were told about the famous stones.

Valentines brought by the women were given to Mrs. Reno B. Long, a teacher in Special Education at East Hempfield Township Schools for use by her pupils, a class of intermediates.

State Conservationists Approve Pike County Watershed Project

The State Soil Conservation Commission Monday gave preliminary approval to an application for federal assistance for watershed protection and flood prevention in the Shohola Creek Watershed of Pike County.

The proposed watershed project sponsored by the Pike County Soil Conservation District and Pike County Commissioners, is subject to assignment of priority when planning facilities of the U S Soil Conservation Service become available.

Three other watersheds are currently in the planning stages by the SCS They are Lackawaxen River, Wayne County; Little Schuylkill River, Schuylkill, Carbon and Berks Counties; and Brandywine Creek, Chester County, Pa and New Castle County, Delaware.

Secretary of Agriculture William L. Henning said the action for Pike County is a progressive step. "There is a real need for these upstream programs to supplement larger flood control work," he added.

The approval of the application is the first step in Pike County toward a program of Federal-State-Local cooperation under U. S Public Law 566. A team of specialists from the U.S. Department of Agriculture and other agencies will study the feasibility of the construction of facilities to reduce flood damage and sedimentation, land erosion, and to improve water management.

Farm Women 2 To Sew Feb. 27 At Hospital

Feb. 27 was set as the date for Society 2 to sew at Lancaster General Hospital at a meeting held Feb. 8 at the home of Mrs. John O. Snavely, R2 Manheim.

On the program at the meeting who gave a rug demonstration.

In the business session the group heard reports from the state convention and a report on the county executive board meeting.

A contribution of $5 was given the county organization to be used for the "Meals for Millions" project.

Valentines brought to the meeting were to be given to patients at Heart Haven.

Co-hostess for the meeting was Mrs. Wilbur Thompson.

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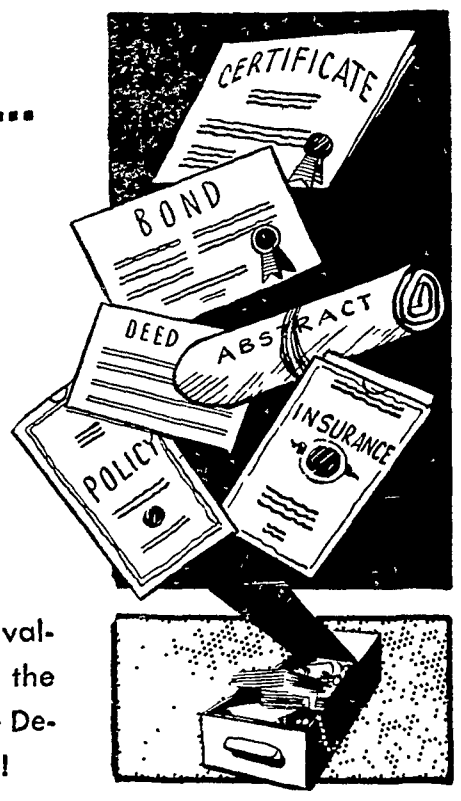

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(Based on income over feed cost except in N Y C and Missouri)

ENTRY	CALIF.	MO. "B"‡	N. Y. C.‡	TENN.	UTAH*	AVE. RANK
K-137 KimberCHIKS	4	4	6	5	2	4.2
STRAIN A	3	10		10	1	6.0
STRAIN B	11	16	2	3.5†	4	7.3
STRAIN C	5	18	18	12	5	11.6
STRAIN D		6	24		10	13.3
STRAIN E	38	3	25	15	3	16.8
STRAIN F	23	20		7	18	17.0
STRAIN G		25	27	11	13	19.0

‡Income over feed and chick cost. *To 557 days incomplete. †Average of two entries

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Calves May Be Wintered Safely On Minimum Amount of Protein

Beef calves can get by on very little protein—recent research shows just how much—when they must be limited to barely holding their weight on low quality winter forage.

A 400-pound calf on a maintainance ration (not gaining weight) does all right on as little as 0 3 pound of digestible protein daily for as long as six months, according to experiments at USDA's Agricultural Research enter, Beltsville. This cuts in half previous recommended minimum allowances for wintering calves

Along with the protein, of course, cattle must get enough calories to maintain body weight This is three pounds of TDN (total digestible nutrients) daily for a 400 pound calf

Recommended protein allowance set up by the National Research Council for a 400-pound growing calf is 0 9 pound a day for a daily gain 1.6 pounds Under winter range conditions 0 7 pound of protein a day is suggested for a daily gain of one pound. This is the lowest protein allowance recommended for calves so far by the Council ARS research shows that under some conditions, however, calves can get along on less.

Protein supplements are expensive Beef producers forced to winter calves on skimpy rations need to know exactly how much protein is enough for maintenance Whether or not a cattleman chooses to feed for winter gains or for maintenance will probably depend on his estimate of profits from each management method.

This study by ARS animal physiologist C F Winchester and coworkers follows two other studies using identical twins beef calves. Growth of calves six to 12 months old was interrupted for six month with no ill effects when diets included enough protein, carotene, and minerals Animals recovered quickly and profitably.

These scientists later showed that animals three to four months old could lose weight temporarily on low-calorie winter forage and still recover to make good gains and good beef

Pennsylvania Taxpayers Benefit From Soil Conservation Districts

The State Department of Agriculture today said all Pennsylvania taxpayers benefit from soil conservation districts

State Secretary of Agriculture William L. Henning said a highway survey shows maintenance costs were reduced by 12 times where farmers practiced soil and water conservation.

He explained that a Pennsylvania Department of Highways survey conducted in York County shows that it costs $116 a year to maintain 1,200 feet of highway in an area where farmers don't practice conservation, however costs were only $9 yearly for 1,200 feet where erosion is reduced through conservation practices

Road maintenance savings due to conservation are not recognized as much as they should be, according to Edwin Jones, assistant chief highways engineer in charge of maintenance Costs of grading berms and cleaning drainage structures and ditches are much lower in areas where farmers "point their plow around the hill," he added

Roadside development supervisor Ralph Chamberlain says such tax saving advantages have resulted in close cooperation between soil conservation districts and highway personnel

He cited examples such as prompt stabilzation of road banks to prevent soil from washing on farm fields and cooperative work to coordinate state road drainage systems with conservation plans of district cooperators.

Patterns of cooperation are developed by agreements between the highways department and each of the 48 county conservation districts in Pennsylvania, according to the State Soil Conservation Commission

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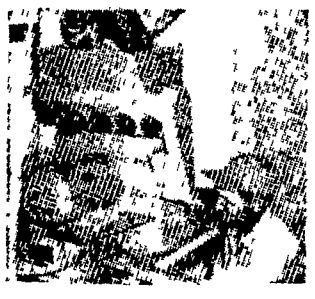
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DWARFISM OF THE 'SNORTER' variety is easily recognized. The animal is not only stunted, but has an undershot jaw, crooked rear legs and is often "pot-bellied." This dwarf was one exhibited by the Pennsylvania State University at the recent Livestock Exposition. (LF Photo)

X-Rays Seem Best

Clearer Understanding of Dwarfism Helping Find Carrier Animals

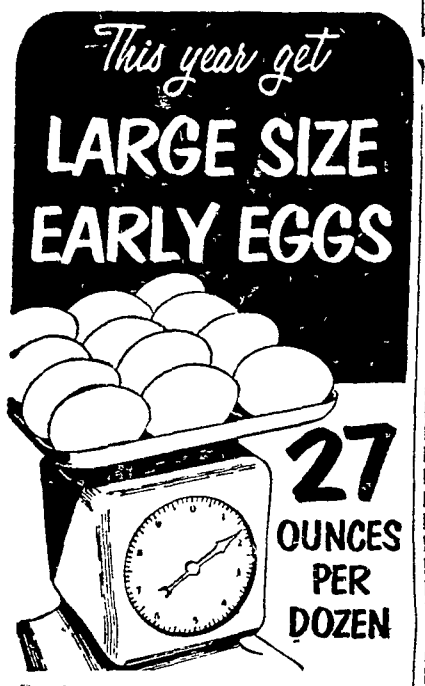
A clearer understanding of cattle dwarfism—one of the most misunderstood and feared problem of the industry—is shaping up with increased research by USDA, State experiment stations, and breeders

There are several different types of dwarfs The type known as the snorter—so called because the animal breathes heavily—is probably most common and troublesome. These animals, also known as shortheaded or brachycephalic dwarfs, are thick, potbellied, and shortlegged, with bulging foreheads, undershot lower jaws, and protruding tongues Such dwarfs can usually be recognized at birth or within three of four weeks.

Carriers of the dwarf gene, however, aren't easy to identify since they look normal Most current research is aimed at finding a simple, accurate method of getting rid of dwarfism by identifying these carriers at a young age This eliminates expensive and time-consuming breeding tests later. Early detection also helps decide which animals should go into the feedlot and which should be saved for breeding X-raying of calves' vertebrae appears most promising

Research so far points to the X-ray method as the most promising of several physical and chemical methods under study. The lumbar (loin) vertebrae of many carriers' spines show characteristic abnormalities that can be recognized in X-rays of calves less than 10 days old Pictures must be taken when animals are young because it's difficult to get clear X-rays of older animals Also, the telltale spinal defects that help identify carriers

(Continued on page 13)



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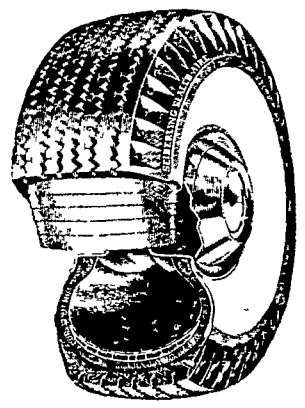

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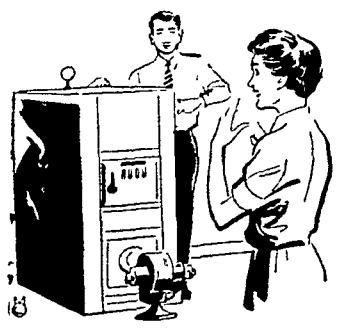

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Dwarfism

(Continued from page 12)

tend to disappear as animals grow older

Research on the X-ray technique was started at the Iowa Agricultural Experiment Station in cooperation with USDA Most active work on this method is now underway at Iowa and, jointly with USDA, at the Nebraska, Oklahoma, and Tennessee stations Eight other stations are cooperating on this and other techniques. Studies are supported by special Federal appropriations, private industry, and individuals

X-ray test results were recently pooled by cooperators Of 186 known carriers, 167 or 90 per cent were found to have abnormal vertebrae Of several thousand calves thought to be dwarf-gene free, 80 per cent were found to have normal vertebrae. Abnormal vertebrae in the other 20 per cent varied with the lines of breeding. So far, it has been impossible to distinguish between the mild abnormalities unrelated to dwarfism and some of those thought to be due to the dwarf gene

Another limitation is the showing of borderline abnormalities. In addition, it's sometimes hard to get clear pictures, and equipment is expensive Research is helping a great deal in obtaining better pictures

Some breeders, veterinarians, and colleges are using X-rays on a trial basis Most present equipment is satisfactory for use on calves

Experienced, careful breeders can utilize this technique effectively for early screening of their calves Breeding tests should be used as a further screen for animals with normal X ray pictures if they have close relatives that produced dwarfs Thus it appears that the X-ray technique is likely to be a tool for herd improvement for individual breeders rather than a basis for merchandising cattle

The insulin-tolerance test, though still in the experimental stage, shows promise for identifying carriers It's thought that blood cell counts of carriers differ characteristically from those of normal animals when both are given insulin Accuracy and limitations of this test haven't yet been measured under a wide variety of conditions

An experimental technique developed some years ago to find carriers in mature Hereford bulls by using a profilometer hasn't proved as accurate as expected This instruments detects the slight forehead bulge thought to mark normal looking animals as dwarf-gene carriers Although this method alone doesn't seem to positively identify carriers, it can provide valuable clues

Easiest way to get rid of dwarfism would be to recognize carriers by their appearance Head, body, legs, and tail size are all being studied to determine possible relationship to dwarfism Spinal-fluid pressure and blood tests and various other approaches are being checked for any such relationship Perhaps combinations of these methods — rather than any one alone—will tell us which animals are carriers

Most small breeders can't afford the space and expense of maintaining a tester cow herd to get rid of dwarfism For the time being, they can avoid or minimize it by carefully examining the blood lines of breeding stock they plan to buy for signs of dwarfism The best bet is to buy cattle from breeders who are making special efforts to produce dwarf free pedigree lines isn't infallible. But it has the great advantage of being quick and inexpensive and is being used throughout the industry

Losses from dwarfism probably average ½ to 1 per cent in our beef cattle—have run 10 to 12 per cent or even higher in some herds Such losses are important enough to deserve the attention of breeders who want to better their herds and make them more profitable.

Dwarfism in beef cattle is inherited It's found in all breeds, and all breeds have one or more types — most of them recessive in inheritance Some breeds may be free or almost free of the snorter dwarf gene, but it's hard to get accurate information on this Snorter dwarfs seem to have increased recently This may be because animals carrying the dwarf gene have physical characteristics breeders like and select for

Many researchers believe different genes are responsible for other types of dwarfism But it's not definitely known if this is so or whether they are merely modifications of the same type

Dwarfs are produced only if both parents are carrier Chance may operate to make percentage of dwarfs high or low in a given year, especially in small herds

Theoretically, mating carriers to carriers produces one fourth normal offspring one-half carriers, one-fourth dwarfs Mating carriers to noncarriers never produces dwarfs but half the offspring are carriers, the rest normal Experimental matings of snorter dwarfs with snorter dwarfs have always produced dwarfs.

Bulls siring only normal calves when bred to 12 to 16 known carrier cows are free of the dwarf gene in 97 to 99 per cent of the cases This is a costly, time consuming way to find clean bulls. But it's done in some herds.

ASC Committees Given Reserve Fund Authority

On Jan 29 the USDA announced that state ASC Committees have been authorized to determine the method to be followed in each state in making allocations of available Acreage Reserve funds to individual farmers when it is necessary to put a limit on participation.

Drouth Effects Show in Unusual Way in Celery Crop, Growers Find

(Continued from page 1)

in the soil for most crops, boron requirements for celery are high and the plant will show very definite signs when the level falls low

The three most common signs are checking on the pedicle, a brown stan on the inside of the pedicle and a series of brown dashes on the vascular bundles of the pedicle

No effective control or material to combat the boron deficiency has yet been developed, the experts reported Even massive use of borax as a fertilizer material have failed to produce good results

One reason might be that the boron requirement of celery vary considerably from variety to variety and even with climate and soil conditions Penn State is now running tests to find a variety more tolerant to boron deficiency

The search for a pure strain of the old Houser variety of celery continues Dr Pollack of PSU obtained six old seed packets supposedly containing Houser seeds Of these only one strain bolted He made seed of this variety available to celery growers for their field trials during the next growing season

Also on display were selections of the H-46 variety developed by Funk Three selections were grown this year in the county and it is believed that in the next couple of years the seed will be available for commercial distribution

The experts were asked for the current fertilizer recommendations for celery They said that a soil pH of 6 2 to 6 8 should be maintained For fertilizer, 1,500 to 2,000 pounds of 5-10-10 should be used with a possible side dressing of nitrogen

They said that for best results, a soil sample should be taken of the field to be planted and this soil tested at Penn State The results of such a test form a better basis for a fertilizer recommendation

Representing Penn State at the meeting were Dr Robert Fletcher, vegetable gardening specialist Dr B L Pollack, vegetable researcher, and Dr. George Taylor, nutrition specialist

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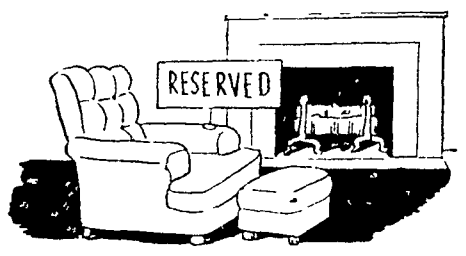

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Dairy Production Set New Record During 1957

Although poor pastures hampered dairy cattle through much of last summer the state's dairy cows established a new 12 month record production with 6,548 million pounds of milk

According to the Pennsylvania Crop Reporting Service, 1957 production exceeded by 2 million pounds the output for 1956.

Milk production last December jumped to 527 million pounds, 38 million pounds more than for the same period in 1956 when rain damaged roughage had to be fed.

Surveys show most Pennsylvania dairymen used quality hay during the late months of 1957. Farmers in drought-stricken Southeastern counties obtained supplies from surplus areas.

The higher quality feed used in Pennsylvania dairy herds in December was reflected in production per cow, the same as in November 1957.

In addition to using better quality feeds milder weather in December enabled some cattle to stay on pasture as late as Christmas Day.

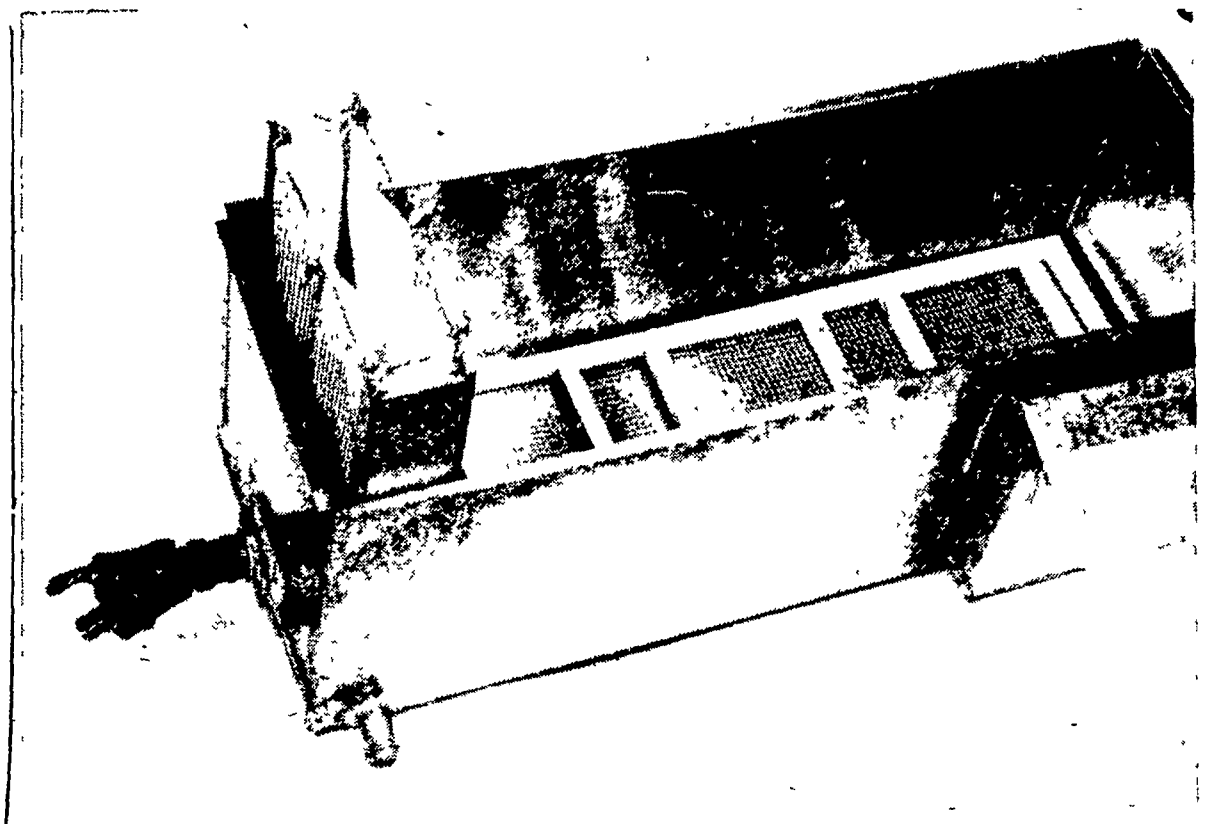
2 SPABC Bulls Given Awards By Associations

Osborndale Sir Ty Vic Forbes, owned by Southeastern Pennsylvania Artificial Breeding Coop., Lancaster, has been designated a Gold Medal Sire — the highest recognition a Holstein sire can recive — by the Holstein-Friesian Assn of America.

Admittance to the super-select Gold Medal Sire circle is limited to those Holstein bulls with daughters meeting exceptionally high standards of both milk production and body conformation.

Pinebrook Hiboy, registered Guernsey bull, owned by the cooperative, has become a Summarized Sire according to the American Guernsey Cattle Club. To attain this distinction, a bull must have at least 10 daughters with official produtcion records.

"Hiboy", has 49 tested daughters that have made 86 official records. Their average production is 8,729 pounds of milk and 446 pounds of fat, when converted to a twice-daily milking, 305-day, mature equivalent basis.



Honey is awfully sticky if you spill it. Large producers are likely to have facilities for handling big quantities, but small producers sometimes get themselves into messes for want of suitable equipment, says E. J. Anderson, Agricultural Experiment Station Apiarist at Pennsylvania State University.

For this reason, Anderson has designed a many-purpose, stainles-steel tank for use in preparing limited quantities of honey for market. An electric unit in a water-filled jacket in the bottom of the tank provides heat for liquifying the honey.

The tank has a capacity of three 60 pound cans or 180 to 200 pounds of strained honey.

Honey, liquified in the tank at 140 degrees Fabrenheit and pasteurized at 156 degrees, turns dark and develops strong flavors at higher temperatures. The tank is a great aid in bottling honey and may be used to liquify crystalized honey either in cans or bottles.

With the tank, extracted honey may be preheated before seed honey is added in making a creamed product. Or the honey may be heated in the tank before or after bottling to prevent crystallization.

Plans for making a tank of this kind may be obtained from Anderson on request. Beekeepers will have to call on their local tinsmith for aid in making the tank.

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Egg Producers Told 1958 Looks Best Since 1953

At a meeting for Lancaster County poultrymen, at the Memorial Bldg, Leola, Dr. J. M. Snyder, a poultry specialist for the Beacon Milling Co., Cayuga, N. Y., told farmers that the outlook for egg producers in 1958 was the best it had been since 1953

Dr. Snyder explained that for the years 1950 thru 1956 poultrymen had only managed to break even after paying themselves a reasonable labor income. The specialist predicted that producers would make a profit of 4 cents per dozen eggs for the 1958 production year. The past few years have been so harsh on egg producers, Dr. Snyder explained, that there does not seem to be much enthusiasm for chick placements this winter. He advised farmers that winter chicks generally were the most profitable since they come into production when egg prices are relatively high.

DR. SNYDER TOLD the group that winter-reared, confinement birds did fully as well as the range-reared birds started in the spring. However, more attention must be given to the details of good management. He told them that confinement rearing had a number of advantages including: (1) Less labor is needed. (2) Less land is required. (3) Confinement rearing cuts losses from predators. (4) The poultryman can keep a better check on the performance of his confinement birds since he can observe them more readily.

The specialist cautioned his audience that care must be taken to provide the confinement-reared birds with plenty of fresh air. He told of experimental work conducted at the University of Connecticut in which they found that birds getting insufficient fresh air became victims of Chronic Respiratory Disease. A well ventilated poultry house, he sad, is more acceptable to the poultryman too, because the litter is kept in better condition and there are no offensive ammonia fumes.

DR. SNYDER TOLD the Lancaster poultrymen that the all-mash feeding program was recommended in preference to the combination of mash and grain. This program is more advantageeous, he said, because each bird is assured of a completely balanced diet. He added that the all-mash program saved labor, especially for those poultrymen using automatic feeders, and that in using the all-mash program it was much easier to switch to a complete, medicated feed.

The scientist warned his audience against indiscriminate overmedication of poultry. He said that certain medications, such as the continuous feeding of a coccidiostatic agent in the mash until the birds were 12 to 16 weeks of age, had proved highly practical and very effective.

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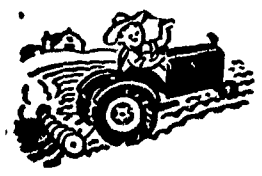

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FOR SALE — 15 tons of good quality mixed Alfalfa, Clover & Timothy Hay, $22 00 a ton. Hauling service available. Phone Punxsutawney 1942-J James Hixson RD3, Reynoldsville, Pa.

Poultry & Supplies

KEENER POULTRY FARM — Authorized Darby Chick Associated Hatchery. Ph EM 7-3246. Elizabethtown RD1.

MR POULTRYMAN — If you want to earn the salesman's commission on the chicks you buy, contact us for our prices on Strain-X-Cross Leghorn Chicks. Haldeman Poultry Farm, Stevens, Pa. R1, Phone Denver, ANdrew 7-2108.

ORDER YOUR STARTED PULLETS now. Hiestand, Inc., Marietta, Ph. HA 6-9301

SALSBURY'S 3-NITRO in your poultry, turkey, and swine feed gets you more meat. eggs and health for less. Cost 26¢ to 52¢ per ton. Not an antibiotic. Look on your feed tags and ask your dealer, or F. W. Fisher, Leacock, Ph. Leola OL 6-7356.

Farm Equipment

FARM FENCING, are now offering low spring prices on Woven field fencing, barbwire, range shelter wire, steel posts, lawn fence, and etc. Let us quote you on your requirements W L. Zimmerman & Sons Ph SOuthfield 8-3131, Intercourse, Pa.

BALER TWINE
See us for your
Baler Twine Needs
Prices advance monthly!
A.B.C. Groff
New Holland
Ph. EL 4-8001

NEW 180amp. Lincoln Welders-$161. complete. Weldan-power combination 200 AC welder and stand-by unit $465. Hiestand, Inc. Ph. Marietta HA 6-9301.

ALLIS CHALMERS WD & WC tractors. Used chain saws & garden tractors. Snavely's Farm Service, New Holland. Ph. EL 4-2214.

Household Goods

FOR SALE — Used gas stove, priced to sell; used gas incinerator, $49. good condition At town store, 25 S. State St. Ephrata Ward Bottle Gas. Ph RE 3-2207.

Livestock Sales

WANTED TO BUY —Shoats Ph Intercourse SOuthfield 8-3001.

LEESPORT LIVESTOCK MARKET. Auction Every Wednesday 1 30. R. T. Richards—Operator & Mgr. Ph. WA 6-7484

Help Wanted

HELP WANTED.—Christian girl or lady to care for Farm Home in the month of June by expectant parents. Write Box 7, Lancaster Farming, Quarryville, Pa.

Mail Box Market

FOR SALE: Recleaned Penscot red clover seed. Norman Maule, Cochranville, Pa.

FOR SALE: 4 milk Sannon Goats Some near fresh. Reasonable. Julius Belser, Elizabethtown, Pa. Ph. EMpire 7-2267.

FOR SALE: Rat Terrier Puppies. C. B. Kauffman, Bird-in-Hand, Pa. Ph. SOuthfield 8-3621.

FOR SALE: 20ft. grain & bale elevator $50. working order, Metal or wood turning lath 11 in. swing, between centers 56 in $65.00. Phone HI 5-2328.

FOR SALE· An Iron-Age row crop sprayer with 400 gallon tank in good condition. Ph. MO 5-8779, Manheim

FOR RENT Nicely furnished bungalo. Call BU 4-4822.

FOR SALE· Brooder house 12x16 in good shape On skids. Call after six. Millersville TR 2-8096 Raymond Charles, Millersville RD1.

LANCASTER FARMING
CLASSIFIED ADS
PAY
Phone STerling 6-2132

Classified Display

Frank L. Kreider & Son
General Contractor
Concrete - Blocks
New Barn Construction
Barn Cleaners
Stanchion Installation
R. D. 4. Lancaster, Pa.
Ph. EX 3-1949 or EX 3-1088

Stanley H. Deiter
Auctioneer And
Appraiser
LAMPETER
Ph. Lancaster
EX 4-1796

For Service Call
Lanc. EX 3-2090
Q-Ville ST 6-2097
Wm. J. Walker
R. D. 1 Willow St.

ABS AMERICAN BREEDERS SERVICE

Public Sale of Farm Machinery
MONDAY, FEBRUARY 17th
Starting at 10 A.M.
We sell private daily.
We sell on consignment.
CLYDE E. KEENER
Intersection Rts. 72 and 230,
Lancaster R3 Phone EX 4-6414

Public Sale of Farm Machinery

TUESDAY, FEB. 25th, at 12 Noon

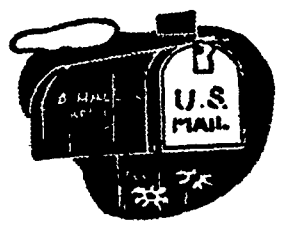
In the Village of Goodville, Lancaster County, Pa.

3 tractors — Farmall M; Farmall Super "C" with cultivators, corn planter and disc plow attachments; Farmall Super "A" with plow and cultivator, tobacco hoers and marker; snow plow to fit "A". Massey-Harris 10-ft self-propelled combine, 1948 Chevrolet truck, New Holland PTO manure spreader, New Holland PTO "66" baler, Surge 3-unit milker and a full line of farming implements and equipment. Some Household Goods.

Refreshments by the Goodville Fire Company.

Terms by GUY W. MARTIN

Benj. F Weaver, Auct Martin Bros Clerks.



FREE!

Subscribers to Lancaster Farming

will receive FREE one advertisement each month in our Mail Box Market

Subscribers using the MAIL BOX MARKET will be governed by the following rules

- Limit your advertisement to five lines which means not over 25 words.
- All Advertisements must be in our hands by Monday 6 P. M. or same will be held over for next week's paper.
- Only one advertisement each month.
- No business advertisements accepted for this column.
- You are allowed to run the advertisement one time. Send in no duplication.

Please mail all advertisements care of

MAIL BOX MARKET
QUARRYVILLE, PA.

Big Aerial Spray For Gypsy Moths Planned by State

The biggest and most extensive aerial spray program against gypsy moth caterpillars in Pennsylvania is being prepared for by the State Department of Agriculture.

With S-Day less than three months away, the Bureau of Plant Industry is receiving bids from contract spray operators to apply DDT solution, the most effective spray material, to about 500,000 acres of land in six eastern counties.

State Agriculture Secretary William L. Henning said groundwork is being laid in Carbon, Luzerne, Pike, Monroe, Wayne and Schuylkill Counties where aerial and ground teams will converge in early spring to help eradicate one of the nation's most costly pests.

Henning said the egg masses found in the Luzerne County area would be capable of defoliating 400 acres of trees this year if not controlled. This area will be sprayed in the spring. Gypsy moths are easily carried by wind and have been discovered 25 miles from where they were hatched.

PUBLIC AUCTION
SATURDAY, FEB. 22, 1958
1 P.M.
At Paul Z. Martin Sales Stable,
BLUE BALL, PENNA.
Lancaster County
40 BRED GILTS of 8 breeds
10 FALL BOARS of 7 breeds
Sponsored by
LANCASTER COUNTY
SWINE PRODUCERS ASSO
202 P O. Building
LANCASTER, PENNA
Harold Rohrer, Sec. Treas.

PUBLIC SALE
SAT. FEB. 22, 1958
12:30 P. M. Sharp

On premises in Martic Twp. on road leading from Mt. Nebo to Pequea, 1 mile east of Pequea.

Full line of
FARM IMPLEMENTS

Allis Chalmers WD 45 tractor with cultivators, 3-bottom mounted plow, Allis Chalmers WC tractor with cultivators and 7 ft. mounted mower, Allis Chalmers B tractor with cultivators, side dresser and hoes, New Holland 77 baler, IHC 3-bottom plow, McCollough 20 in. chain saw, 4000 tobacco lath, ear corn, straw, hay, oats, and many other articles.

Terms cash by

Earl Sellers &
Jacob W. Neff

Elmer M. Murry, Auct.

New Holland Sales Stables

Horse Sale — Every Monday at 11 A. M.

Dairy Cattle and Hogs
Every Wednesday at 12:30

Beef Cattle and Calves
Every Thursday at 12:30

John H. Gingrich, Manager
Ph. New Holland EL 4-2194 New Holland, Pa.

PUBLIC AUCTION

Tuesday, February 18, 1958
PROMPTLY AT 6 P. M.

Sale of Fat Bulls, Steers, Cows, Calves & Hogs
Stocker and Feeder Steers, Lambs
Shoat Sale at 8 P. M.

We get top market prices for your livestock
Feeder Steers for sale, Private, Every Day

Give Us a Call — Gap, HI-ckory 2-4181

Vintage Sales Stables, Inc.
VINTAGE, PA. WM. BEAM, Manager

181st GARDEN SPOT SALE

THURSDAY, FEBRUARY 20 — LANCASTER, PENNA.
At the J. M. Brubaker farm located in Willow Street Village, 4 miles South of Lancaster, Pa, just off Routes 72 and 222

75 REGISTERED HOLSTEINS

(Practically all just fresh or close, Young cows and Heifers Open and bred heifers, Calves)

All bang's Certified, T B Accredited, Blood tested, mostly Calf Vaccinated, Treated against shipping fever, Mastitis tested

HERE ARE A FEW OF THE QUALITY REPLACEMENTS FOR THIS SALE!
*James Frank, Newtown, Pa —4 yr daut of Carnation Progressor Governor with 472 lbs fat, 12,699 M 2x, 321 da, Due just after sale 5 yr daut of Wimbledon Dean Fobes Rag Apple with 454 fat, 305 da, 2x, 4 yrs, 12,780 M Due at sale time
*D & J McAvoy Trusts, Phoenixville, Pa —533-lb fat daut of Belle Crest Dean Fobes due after sale to Shaws Golden Tidy Dauntless
*Bennett Farms, Victor, New York—2 top Grades due at sale time One has 608 lbs fat, 18,260 M 2x, 342 da, 5 yrs 2 other records 508 and 548 lbs fat on 2x
Other has 612 lbs fat, 17,730 M on 2x, also 3 other good records A cow with a perfect udder
*Harry R Dick, York, Pa —Two top heifers due at sale time One by SJC Valley Emperor Star, other by Spofford Rag Apple Admiral Everyone knows the quality heifers Mr Dick sends to Garden Spot

THERE WILL BE MANY OTHERS INCLUDING
A TOP LOAD FROM N Y STATE!

MAKE YOUR PLANS NOW TO ATTEND THIS FEBRUARY GARDEN SPOT!
Sale Starts 12 00 Noon Lunch Available Catalogs

R. AUSTIN BACKUS, INC.
Sale Mgrs. & Auctioneers
Mexico, New York

EARL L GROFF
Local Rep
Strasburg, Pa.

In 22 Years—

NPIP Has Helped Spark Dramatic Rise in Poultry Production

Enormous strides have been made the last 20 years in improving the efficency of poultry production. Combined results of better feeding, breeding and management since 1935 have brought a spectacular rise in broiler raising as well as more efficient egg and meat production

In 1956 alone, we produced 1 billion 345 million broilers compared to only 34 million in 1934. Egg production per hen has increased by 45 per cent during that period And we can now grow 40 to 45 pounds of broiler meat on 100 pounds of feed

Such improvements didn't just happen Many branches of the industry contributed—including the National Poultry Improvement Plan. NPIP is a joint Federal-state effort to (1) build up economical production of eggs and meat per bird, and (2) increase chick livability by getting rid of pullorm and typhoid

The plan had its start in the midthirties. At that time, expansion of the poultry industry was being checked by contagious diseases, especially pullorum disease and lack of standards to measure the quality of hatching eggs and chicks sold under many different labels Producers wanted specific dependable, nationwide quality standards in breeding and disease control To meet these needs, the Congress in 1935 passed legislation setting up the NPIP There is also a similar National Turkey Improvement Plan (NTIP)

One important method of measurement is the record of performance (ROP) This has been used to identify high-producing birds and families through trapnesting since NPIP began. Dissemination of stock by ROP breeders has contributed much to increased rate of egg production.

A newer way to measure performance test. Samples of a breeders commercial product—chicks or eggs of a designated grade or quality—are selected in a random (unbiased) way All samples are raised under feeding and management conditions designed to reveal genetic differences Performance data thus collected are useful in measuring differences in stocks Results are being used as a basis for classifying flocks for the breeder, and chicks for his customers, under NPIP.

Improvements in efficiency can also be traced to another important fact State inspectors are in constant touch with NPIP participants and quickly pass on to them new research information and recommendations.

Participation in the plan is voluntary both for States and for Poultry establishments within States USDA, through Agricultural Research Service, acts as the national coordinating agency. An official State agency handles local administration

Participation is open to all breeders, flock owners, and hatcheryman whose facilities and practices meet requirements of the national Plan and the official State agency

What are the responsibilities of these breeders, flock owners, and hatcheryman? Each type of enterprize has several important concerns

Hatcheryman must keep accurate records to assure inspectors of their compliance with the Plan's provisions and to assure chick purchasers that the chicks are as represented. Their records must include, for instance, the name and address of each flockowner, number of eggs received from him, name and address of each purchaser, and number, breed, variety, and date of shipment of all chicks sold. Breeders and flockowners must also keep accurate records to assure the official State agency—as well as their customers—that they have met at least the minimum requirements for disease control The participants' flocks are regularly tested and are qualified only when no typhoid or pollorum reactors are found

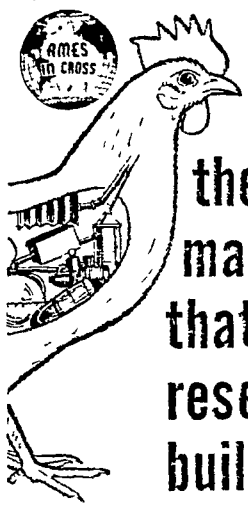
Breeding flocks are selected and tested under the supervision of State inspectors Flocks and hatcheries are regularly inspected to insure compliance Advertising is checked to prevent misleading statements

Fees for participation vary from State to State—depending on the State agency, size of flock or hatchery, number of birds tested, and so on. Participants gain much from membership. Their products have the confidence of purchasers, who know that the chicks, hatching eggs, or stock were produced in accordance with strict NPIP requirements. Only participants may use the official labels, designs and terminology of the plan.

Membership in NPIP now includes 60 per cent of the country's hatcheries with about 73 per cent of the egg capacity. The Plan covers 39 million birds in 67,000 flocks

THESE ARE THE new officers of the Lancaster Poultry Assn. They are, left to right, Daniel K. Good, R1 Columbia, secretary; Noah Kreider, R3 Manheim, vice president; Jay R Greider, R1 Mt. Joy, president, and Eugene S. Cassel, Landisville, treasurer. Kreider also heads the committee which will supervise operation of the Poultry Exchange. (LF Photo)

AMES IN-CROSS



the egg machine that research builds

It takes Ames In Cross 10 years to develop the chicks you buy at our hatchery today This long breeding, research and testing program has just one purpose . to give you a bird that will help you make the most profit from your poultry program Stop in soon and let us give you the complete story on what Ames In Cross birds can do for you

Goldfus Hatcheries, Inc.

NEW HOLLAND Ph. EL 4-6811

Order your Limestone now for even spreading by our modern spreaders

Martin's Limestone

Ivan M. Martin, Inc.
New Holland ELgin 4-2112
Terre Hill Hillcrest 5-3455

Blue Ball, Pa.

NEW EFFECTIVE WAY TO CONTROL WORM PARASITES IN SWINE . . .

'HYGROMIX'

now available in

RED ROSE®

HOG FEEDS

"Hygromix" is a new antibiotic that provides growth stimulation and effective control of intestinal worms in swine The control of worms is accomplished by the prevention of worms, reduction in worm egg production and controlling immature forms before they do their damage. The main job of "Hygromix" is to keep costly worm damage from happening.

So—to effectively control worms in swine—feed any of these feeds containing Hygromix: Red Rose Hog Meal, Red Rose Pig Starter Pellets, or Red Rose Pig & Sow Meal Nothing else is required . . . no starving, no limiting of feed, no isolation, no special mixing. **The results** — pigs put on more weight, faster . . . and get to market sooner.

TRY RED ROSE HOG FEEDS with "Hygromix"—now!

REICH POULTRY FARM — R.D.1. Marietta, Pa.

E. MUSSER HEISEY — R.D.2. Mt. Joy, Pa.

A. S. GROFF — 21 S Queen St. Lancaster, Pa.

AMMON E. SHELLY — R.D.2. Lititz, Pa

CHAS. E. SAUDER & SONS — R.D 2 East Earl, Pa.

J. C. WALKER & CO. — Gap, Pa.

WARREN SICKMAN — R.D.1. Pequea. Pa

MUSSER'S — The Buck. R.D 1. Quarryville, Pa.

The comment above is typical of those who are now farming with D-14 power. After using the D-14 on their farms, owners say they are:

. . . "impressed with the full 3-plow power."
. . . "amazed at the benefits of Power Director."
. . . "surprised at the extra fuel economy."
. . . "pleased with the Roll-Shift front axle."
. . . "completely sold on the easy-ride seat."

Why not find out for yourself?

ALLIS-CHALMERS
SALES & SERVICE

N. G. Myers & Son — Rheems, Pa.

L. H. Brubaker — Lititz, Pa.

Mann & Grumelli Farm Serv. — Quarryville, Pa.

R. S. Weaver — Stevens, Pa.

L. H. Brubaker — Lancaster, Pa.

Nissley Farm Service — Washington Boro, Pa.

Snavelys Farm Service — New Holland, Pa.